

SUPPLEMENT

TO THE

THIRTY-SEVENTH ANNUAL REPORT OF THE DEPARTMENT OF MARINE AND
FISHERIES, BEING PARTLY FOR THE FISCAL YEAR ENDED JUNE 30,
1904, AND PARTLY FOR THE CALENDAR YEAR 1904.

MARINE

REPORTS

OF THE

HARBOUR COMMISSIONERS

FOR

TORONTO, QUEBEC, THREE RIVERS, BELLEVILLE, NORTH SYDNEY, PICTOU
AND MONTREAL (FOR 1903.)

THE PILOTAGE AUTHORITIES,

CERTIFICATES TO MASTERS & MATES.

THE HARBOUR AND SHIPPING MASTERS, CERTAIN PORT WARDENS, STATEMENT
OF WRECKS AND CASUALTIES, AND STEAMBOAT INSPECTION.

CHIEFLY UP TO THE

31st DAY OF DECEMBER, 1904

PRINTED BY ORDER OF PARLIAMENT



OTTAWA

PRINTED BY S. E. DAWSON, PRINTER TO THE KING'S MOST
EXCELLENT MAJESTY

1905

OTTAWA, November, 1905.

Hon. RAYMOND PRÉFONTAINE,
Minister of Marine and Fisheries.

SIR,—I have the honour to submit herewith the Supplement to the thirty-seventh Annual Report of the Marine Branch of the Department of Marine and Fisheries, being for the year 1904, containing a statement of merchant shipping, wrecks and casualties ; lists of certificates granted to masters and mates ; the reports of the harbour commissioners of Toronto, Belleville, Quebec, Three Rivers, North Sydney and Montreal for 1903 ; list of harbour masters ; reports of harbour masters generally ; reports of pilotage commissioners ; reports of port wardens, list of shipping masters and the report of the chairman of the board of steamboat inspection.

I have the honour to be, sir,

Your obedient servant,

F. GOURDEAU,
Deputy Minister of Marine and Fisheries.

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APPENDIX No. I.

MERCHANT SHIPPING.

The total number of vessels remaining on the register books of the Dominion on the 31st December, 1904, including old and new vessels, sailing vessels, steamers and barges, was 7,152, measuring 682,838 tons register tonnage, being an increase of 132 vessels, and a decrease of 309 tons register, as compared with 1903. The number of steamers on the registry books on the same date was 2,543, with a gross tonnage of 353,514 tons. Assuming the average value to be \$30 per ton, the value of the registered tonnage of Canada, on the 31st December last, would be \$20,485,140.

The number of new vessels built and registered in the Dominion of Canada during the last year was 308, measuring 18,554 tons register tonnage. Estimating the value of the new tonnage at \$45 per ton, it gives a total value of \$834,930 for new vessels.

A statement follows, showing the number of vessels and number of tons on the register books at the different ports of registry in the Dominion, on the 31st December last, along with a comparative statement of the tonnage from 1874 to 1904. A statement is also published of the number of vessels built and registered in the Dominion during the last year, and a comparative statement of the number of new vessels built and registered from 1874 to 1904, both inclusive. A comparative statement is also given of the tonnage of the Maritime States of the world.

STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, 1904.

PROVINCE OF NEW BRUNSWICK.

Name of Port.	Total Number of Sailing Ships and Steamers.	Number of Steamers.	Gross Tonnage of Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Chatham.....	355	47	2,185	7,458
Dorchester	5			1,661
Moncton	14	1	20	1,590
Richibucto	19	4	129	1,966
Sackville	12	3	65	660
St. Andrews.	167	7	590	3,558
St. John ..	361	76	9,444	37,962
Total.....	933	138	12,433	54,855

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STATEMENT showing the number of Vessels and number of Tons on the Registry Books,
&c.—*Continued.*

PROVINCE OF NOVA SCOTIA.

Name of Port.	Total Number of Sailing Ships and Steamers.	Number of Steamers.	Gross Tonnage of Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Amherst.....	3	.....	.....	71
Annapolis.....	49	1	32	6,103
Arichat.....	117	2	71	3,586
Barrington.....	59	3	135	1,743
Canso.....	30	.....	.....	643
Digby.....	126	4	128	4,786
Guysboro'.....	16	.....	.....	630
Halifax.....	426	73	8,297	19,475
Liverpool.....	90	5	369	8,698
Lunenburg.....	318	9	902	32,833
Maitland.....	24	1	88	12,940
Parrsboro'.....	126	5	568	30,631
Pictou.....	59	20	2,718	6,051
Port Hawkesbury.....	72	3	131	2,103
Port Medway.....	21	1	138	1,854
Shelburne.....	86	4	94	4,845
Sydney.....	101	20	1,718	6,588
Truro.....	1	.....	.....	124
Weymouth.....	34	.....	.....	2,978
Windsor.....	107	14	1,911	46,432
Yarmouth.....	201	28	4,738	18,858
Total.....	2,066	193	22,038	211,972

PROVINCE OF QUEBEC.

Amherst (Magdalen Islands).....	12	.....	.....	429
Gaspé.....	28	.....	.....	1,230
Montreal.....	599	227	66,507	97,689
Paspebiac.....	14	3	88	1,090
Quebec.....	634	154	20,938	39,901
Sorel.....	.....	.....	.....	.....
Total.....	1,287	384	87,533	140,339

PROVINCE OF ONTARIO.

Amherstburg.....	13	8	244	303
Belleville.....	16	13	306	458
Bowmanville.....	2	.....	.....	282
Brockville.....	24	23	521	327
Chatham.....	21	14	489	634
Cobourg.....	6	1	23	758
Collingwood.....	77	74	10,206	7,338
Cornwall.....	2	2	46	32
Deseronto.....	17	11	1,203	1,463
Dunnville.....	1	.....	.....	57
Fort William.....	.....	.....	.....	.....
Goderich.....	45	36	2,455	2,379
Hamilton.....	52	44	7,203	5,644
Kingston.....	195	109	12,541	24,716
Lindsay.....	52	32	869	1,862
Midland.....	2	2	3,972	2,455
Napanee.....	1	.....	.....	122
Oakville.....	1	.....	.....	26
Ottawa.....	407	225	27,723	32,967
Owen Sound.....	45	40	5,095	4,625
Peterborough.....	43	39	1,152	1,015
Picton.....	20	12	2,892	3,100

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STATEMENT showing the number of Vessels and number of Tons on the Registry
Books, &c.—*Concluded.*PROVINCE OF ONTARIO—*Concluded.*

Name of Port.	Total Number of Sailing Ships and Steamers.	Number of Steamers.	Gross Tonnage of Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
Port Arthur.....	37	27	3,780	4,266
Port Burwell....	6	5	59	99
Port Dover.....	13	8	235	616
Port Hope.....	47	28	1,956	3,979
Port Stanley.....	8	8	1,346	840
Prescott.....	40	18	1,249	6,880
Rat Portage.....	43	41	1,515	1,071
Sarnia.....	45	35	10,496	8,832
Southampton.....	14	12	593	607
Sault Ste. Marie.....	46	39	2,725	6,991
St. Catharines.....	97	62	4,680	10,871
Simcoe.....	5	2	35	271
Toronto.....	350	271	37,030	30,813
Wallaceburg.....	33	19	1,328	2,528
Whitby.....	3	.....	.....	514
Windsor.....	57	28	7,371	6,689
Total.....	1,886	1,288	151,338	176,430

PROVINCE OF PRINCE EDWARD ISLAND.

Charlottetown.....	161	16	2,908	12,200
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PROVINCE OF BRITISH COLUMBIA.

New Westminster.....	160	94	7,154	9,942
Vancouver.....	262	184	18,376	19,965
Victoria.....	244	136	41,171	47,198
Total.....	666	414	66,701	77,105

PROVINCE OF MANITOBA.

Winnipeg.....	141	99	7,359	7,765
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YUKON DISTRICT.

Dawson.....	12	11	3,204	2,172
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SUMMARY.

New Brunswick.....	933	138	12,433	54,855
Nova Scotia.....	2,066	193	22,038	211,972
Quebec.....	1,287	384	87,533	140,339
Ontario.....	1,886	1,288	151,338	176,430
P. E. Island.....	161	16	2,908	12,200
British Columbia.....	666	414	66,701	77,105
Manitoba.....	141	99	7,359	7,765
Yukon District.....	12	11	3,204	2,172
Grand Total.....	7,152	2,543	353,514	682,838

COMPARATIVE STATEMENT showing the number of Vessels and number of Tons on the Registry Books of the Dominion of Canada, on the 31st December, in each Year, from 1874 to 1904, both inclusive.

Provinces.	1874.		1875.		1876.		1877.		1878.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,144	294,741	1,133	307,926	1,154	324,513	1,133	329,457	1,142	335,965
Nova Scotia. . .	2,787	479,669	2,786	505,144	2,867	529,252	2,961	541,579	3,003	553,368
Quebec.	1,837	218,946	1,831	222,965	1,902	228,502	1,951	248,399	1,676	248,349
Ontario.	815	113,008	825	114,990	889	123,947	926	131,761	958	135,440
P. E. Island. . .	312	48,388	335	50,677	338	50,692	342	55,547	322	54,250
B. Columbia. . .	35	3,611	40	3,685	40	3,809	43	3,479	51	4,482
Manitoba. . . . .	.....	.....	2	178	2	178	6	246	17	1,161
Total.	6,930	1,158,363	6,952	1,205,565	7,192	1,260,893	7,362	1,310,468	7,169	1,333,015

Provinces.	1879.		1880.		1881.		1882.		1883.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,135	340,491	1,097	336,976	1,087	333,215	1,065	308,980	1,107	315,906
Nova Scotia. . .	2,975	552,159	2,977	550,448	3,025	558,911	3,026	546,778	3,037	541,715
Quebec.	1,975	246,025	1,889	233,341	1,830	224,936	1,754	215,804	1,739	216,577
Ontario.	1,006	136,987	1,042	137,481	1,081	139,998	1,112	137,061	1,133	140,972
P. E. Island. . .	298	49,807	288	45,931	273	45,410	248	41,684	241	49,446
B. Columbia. . .	60	4,701	63	5,049	74	6,296	84	7,687	94	9,046
Manitoba.	22	1,924	21	1,992	24	2,130	23	2,783	24	2,778
Total.	7,471	1,332,094	7,377	1,311,218	7,394	1,310,896	7,312	1,260,777	7,375	1,276,440

Provinces.	1884.		1885.		1886.		1887.		1888.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,096	308,132	1,060	288,589	1,042	269,224	1,027	255,126	1,009	239,332
Nova Scotia. . .	2,942	544,048	2,988	541,832	2,929	526,921	2,845	498,873	2,851	485,709
Quebec.	1,628	202,842	1,631	203,635	1,650	232,556	1,586	189,064	1,498	178,520
Ontario.	1,184	142,387	1,223	144,487	1,248	140,929	1,275	139,548	1,330	139,502
P. E. Island. . .	234	39,213	227	36,040	225	30,658	225	29,031	218	26,586
B. Columbia. . .	116	11,403	123	11,834	134	11,900	149	12,789	167	14,249
Manitoba.	55	5,722	63	5,439	65	5,578	71	5,871	69	5,744
Total.	7,255	1,253,747	7,315	1,231,856	7,293	1,217,766	7,178	1,130,307	7,142	1,089,642

Provinces.	1889.		1890.		1891.		1892.		1893.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,013	218,873	981	209,460	969	193,193	946	181,779	1,010	156,086
Nova Scotia. . .	2,855	464,431	2,793	464,194	2,778	461,758	2,731	425,690	2,715	396,263
Quebec.	1,455	168,500	1,399	164,003	1,404	162,330	1,408	162,638	1,426	161,121
Ontario.	1,352	141,839	1,312	138,738	1,345	138,914	1,347	141,750	1,370	146,665
P. E. Island. . .	224	25,506	231	26,080	195	23,316	196	22,706	188	20,970
B. Columbia. . .	176	15,241	196	16,024	246	19,767	298	23,448	315	24,900
Manitoba.	77	6,091	79	6,475	78	6,197	81	6,118	89	6,534
Total.	7,152	1,040,481	6,991	1,024,974	7,015	1,005,475	7,007	964,129	7,113	912,539

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COMPARATIVE STATEMENT showing the number of Vessels and number of tons on the Registry Books of the Dominion of Canada, &c.—*Concluded.*

Provinces.	1894.		1895.		1896.		1897.		1898.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	1,003	136,257	975	122,417	964	115,506	923	103,584	903	89,257
Nova Scotia....	2,710	371,432	2,683	343,356	2,669	317,526	2,204	283,056	2,167	262,176
Quebec	1,427	160,590	1,454	158,776	1,469	158,649	1,480	158,077	1,378	144,447
Ontario.....	1,480	148,525	1,508	148,609	1,525	146,522	1,424	135,349	1,452	134,180
P. E. Island. .	191	19,650	190	19,323	174	16,540	174	15,812	178	15,979
B. Columbia . .	336	26,455	346	25,988	363	26,622	364	28,604	444	40,304
Manitoba.....	98	6,715	106	7,307	115	7,934	115	7,272	121	7,439
Total.....	7,245	869,624	7,262	825,776	7,279	789,299	6,684	731,754	6,643	693,782

	1899.		1900.		1901.		1902.		1903.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	920	86,288	927	78,708	915	75,293	917	64,605	929	59,508
Nova Scotia....	2,121	243,457	2,121	226,817	1,980	214,560	2,037	212,967	2,069	216,053
Quebec	1,375	144,586	1,247	138,136	1,265	142,664	1,288	136,660	1,288	138,570
Ontario.....	1,488	135,234	1,610	141,112	1,635	145,227	1,699	156,449	1,778	169,086
P. E. Island. .	171	14,660	176	14,251	180	14,729	156	13,464	161	13,739
B. Columbia . .	488	44,415	515	51,095	676	62,102	534	58,292	639	76,215
Manitoba.....	126	9,108	128	7,147	130	7,445	139	7,536	139	7,695
Yukon District	9	1,604	11	2,268	11	2,463	16	2,640	14	2,281
Total.....	6,698	679,352	6,735	659,534	6,792	664,483	6,836	652,613	7,020	683,147

	1904.	
	Vessels.	Tons.
New Brunswick.....	933	54,855
Nova Scotia.....	2,066	211,972
Quebec	1,287	140,339
Ontario	1,886	176,430
P. E. Island.....	161	12,200
B. Columbia	666	77,105
Manitoba	141	7,765
Yukon District	12	2,172
Total	7,152	682,838

4-5 EDWARD VII., A. 1905

LIST of Ports at which Vessels may be Registered, showing the number of New Vessels Built and Registered in the Dominion of Canada, during the Year ended December 31, 1904.

Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.	Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
PROVINCE OF NOVA SCOTIA.			PROVINCE OF ONTARIO.		
Amherst.....	Nil.	Nil.	Amherstburg	Nil.	Nil.
Annapolis Royal.....	2	645	Belleville.....	Nil.	Nil.
Arichat.....	11	208	Bowmanville	Nil.	Nil.
Barrington.....	10	211	Brockville.....	Nil.	Nil.
Canso.....	Nil.	Nil.	Chatham.....	Nil.	Nil.
Digby.....	5	104	Cobourg.....	Nil.	Nil.
Guysboro'.....	Nil.	Nil.	Collingwood.....	6	230
Halifax.....	15	511	Cornwall.....	Nil.	Nil.
Liverpool.....	6	654	Deseronto.....	Nil.	Nil.
Lunenburg.....	16	1,259	Dunnville.....	Nil.	Nil.
Maitland.....	Nil.	Nil.	Fort William.....	Nil.	Nil.
Parrsboro'.....	1	100	Goderich.....	1	28
Pictou.....	3	332	Hamilton	Nil.	Nil.
Port Hawkesbury.....	1	14	Kingston.....	11	76
Port Medway.....	Nil.	Nil.	Lindsay.....	Nil.	Nil.
Shelburne	6	327	Midland.....	1	5
Sydney.....	3	161	Napanee	Nil.	Nil.
Truro.....	Nil.	Nil.	Oakville.....	Nil.	Nil.
Weymouth.....	4	576	Ottawa.....	30	1,844
Windsor.....	2	540	Owen Sound.....	2	18
Yarmouth.....	14	351	Peterborough.....	4	219
Total.....	99	5,993	Pictou	1	5
PROVINCE OF PRINCE EDWARD ISLAND.			Port Arthur.....	Nil.	Nil.
Charlottetown.....	2	185	Port Burwell.....	1	9
PROVINCE OF BRITISH COLUMBIA.			Port Dover.....	Nil.	Nil.
New Westminster	4	286	Port Hope.....	Nil.	Nil.
Vancouver	27	1,308	Port Stanley	Nil.	Nil.
Victoria.....	17	768	Prescott.....	Nil.	Nil.
Total.....	48	2,362	Rat Portage.....	23	545
PROVINCE OF MANITOBA.			Sarnia	1	33
Winnipeg.....	9	338	Southampton.....	Nil.	Nil.
YUKON DISTRICT.			Sault Ste. Marie.....	4	419
Dawson City	Nil.	Nil.	St. Catharines.....	Nil.	Nil.
			Simcoe.....	Nil.	Nil.
			Toronto	19	1,731
			Wallaceburg.....	1	5
			Whitby.....	Nil.	Nil.
			Windsor	Nil.	Nil.
			Total.....	105	5,167
			PROVINCE OF QUEBEC.		
			Amherst (Magdalen Is-	Nil.	Nil.
			lands).....	Nil.	Nil.
			Gaspé.....	6	2,607
			Montreal	Nil.	Nil.
			Paspebiac.....	14	596
			Quebec.....	Nil.	Nil.
			Sorel.....	Nil.	Nil.
			Total.....	20	3,203

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LIST of Ports at which Vessels may be Registered, showing the number of new Vessels built and registered, &c.—*Concluded.*

Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.	Name of Port.	Total Number of Sailing Ships and Steamers.	Total Net Tonnage of Sailing Ships and Steamers.
PROVINCE OF NEW BRUNSWICK.			SUMMARY.		
Chatham.. .. .	11	156	New Brunswick	25	1,306
Dorchester.. . . .	Nil.	Nil.	Nova Scotia.. . . .	99	5,993
Moncton.. . . .	Nil.	Nil.	Quebec	20	3,203
Richibucto.. . . .	Nil.	Nil.	Ontario	105	5,167
Sackville.. . . .	Nil.	Nil.	Prince Edward Island ..	2	185
St. Andrews.. . . .	9	145	British Columbia.. . . .	48	2,362
St. John	5	1,005	Manitoba	9	338
			Yukon District.. . . .	Nil.	Nil.
Total.....	25	1,306	Total.....	308	18,554

COMPARATIVE STATEMENT of New Vessels Built and Registered in the Dominion
1904, both

Provinces.	1874.		1875.		1876.		1877.		1878.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick.....	90	42,027	65	33,483	61	31,040	54	31,158	56	27,368
Nova Scotia.	175	84,480	177	67,106	194	58,771	219	47,980	166	49,784
Quebec	73	20,796	103	22,825	51	17,800	62	19,253	46	10,870
Ontario.....	50	10,797	53	7,760	47	5,397	28	3,316	30	2,409
Prince Edward Island....	88	24,634	83	19,838	62	14,571	62	17,026	38	10,382
British Columbia.....	5	276	.....	.....	1	121	2	204	2	45
Manitoba.....	.....	.....	.....	.....	.....	.....	3	48	1	15
	481	183,010	481	151,012	416	127,700	430	118,985	339	100,873
Add new vessels built in Canada which proceeded to the United Kingdom under a Governor's pass without being registered	6	7,746	.....	.....	3	2,721	2	1,943	1	663
Add new vessels which left Quebec for registration in Germany.....	.....	.....	.....	.....	1	480	.....	.....	.....	.....
Total	487	190,756	481	151,012	420	130,901	432	120,928	340	101,536

Provinces.	1886.		1887.		1888.		1889.		1890.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick.....	34	4,931	18	2,909	32	2,530	50	4,792	35	5,572
Nova Scotia.	93	20,948	87	12,310	116	12,965	126	19,645	150	33,907
Quebec	27	2,683	28	2,888	23	2,669	27	3,759	25	4,880
Ontario.....	52	2,075	66	2,993	62	5,095	45	3,259	41	4,917
Prince Edward Island....	12	1,318	7	601	12	1,412	12	1,503	12	2,008
British Columbia.	8	154	9	376	18	448	12	840	15	876
Manitoba.....	3	98	8	439	1	11	8	548	7	218
Total	229	32,207	223	22,516	264	25 130	280	34,346	285	52,378

Provinces.	1898.		1899.		1900.		1901.		1902.	
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
New Brunswick	31	790	31	798	22	762	25	1,141	23	1,055
Nova Scotia.....	67	4,962	92	7,594	117	9,416	133	14,660	140	14,827
Quebec.....	51	4,139	35	5,943	50	4,301	43	7,421	16	1,990
Ontario	46	1,872	52	3,419	58	3,734	62	2,665	60	8,791
Prince Edward Island....	5	372	3	56	3	106	6	589	8	530
British Columbia.....	72	12,228	51	2,734	43	3,837	62	7,728	36	2,550
Manitoba	6	159	13	554	3	109	3	112	10	137
Yukon District. ....	.....	.....	.....	.....	1	61	1	165	3	336
Total	278	24,522	277	21,098	297	22,326	335	34,481	296	30,216

of Canada during the Year ended December 31, in each Year, from 1875 to inclusive.

1879.		1880.		1881.		1882.		1883.		1884.		1885.	
Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
43	19,067	63	18,896	57	18,259	66	16,820	72	21,103	46	12,888	31	7,736
126	39,208	126	31,257	150	40,465	117	26,711	202	35,765	178	42,032	102	24,703
29	7,421	33	8,219	56	5,673	26	6,785	42	6,594	32	3,815	29	4,556
42	2,464	44	3,610	54	5,111	55	4,369	34	4,311	58	4,446	45	4,509
20	5,279	21	3,359	15	4,351	15	3,508	17	5,343	21	5,189	11	1,707
5	788	.....	.....	2	85	8	1,631	5	849	15	675	6	648
.....	.....	1	100	3	116	1	289	2	125	37	3,366	13	320
265	74,227	288	65,441	337	74,060	288	60,113	374	74,090	387	72,411	240	44,179
.....	.....	.....	.....	.....	.....	1	1,029	.....	.....	.....	.....	.....	.....
.....
265	74,227	288	65,441	337	74,060	289	61,142	374	74,090	387	72,411	240	44,179

1891.		1892.		1893.		1894.		1895.		1896.		1897.	
Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
43	6,269	21	1,873	119	2,819	40	2,534	27	714	24	627	33	1,738
130	35,528	105	16,446	111	15,089	128	8,721	89	4,762	97	7,704	54	4,259
46	4,200	34	2,620	53	4,220	55	4,412	49	4,335	36	3,969	49	4,227
44	2,662	34	3,634	49	4,126	64	3,137	52	3,732	38	1,757	50	3,850
5	1,000	9	967	3	634	3	183	1	196	3	111	3	226
41	2,364	46	2,887	19	944	25	1,900	18	1,709	22	1,466	26	2,429
3	122	6	296	8	603	11	356	14	822	7	512	16	365
312	52,145	255	28,773	332	23,440	326	21,243	250	16,270	227	16,146	231	17,094

1903.		1904.		—		—		—		—		—	
Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.
24	1,708	25	1,306	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
135	12,907	99	5,993	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
31	1,076	20	3,203	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
71	10,719	105	5,167
6	171	2	185
56	3,494	48	2,362
5	248	9	338
Nil.	Nil.	Nil.	Nil.
328	30,323	308	18,554

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STATEMENT showing the Tonnage of each of the Maritime States of the World, compiled from the Répertoire Général for 1904-1905.

Nationality.	Steamers.	Gross Tonnage of Steamers.	Net Tonnage of Steamers.	Sailing Vessels.	Net Tonnage of Sailing Vessels.	Total Net Tonnage.
British, including Canada and the Colonies	8,406	14,889,175	9,135,228	6,997	2,090,193	11,225,421
American	901	1,720,176	1,165,268	3,671	1,471,013	2,636,281
German	1,479	2,887,130	1,782,333	1,226	516,569	2,298,902
Norwegian	1,037	1,030,637	638,316	1,717	751,756	1,390,062
French	835	1,266,486	636,506	1,819	507,155	1,143,661
Italian	379	735,212	457,473	1,571	524,645	982,118
Canadian						
Russian	590	637,114	388,872	2,556	535,900	924,772
Spanish	456	713,775	453,678	546	87,359	541,037
Swedish	730	528,728	371,287	1,608	268,135	639,422
Dutch	392	631,600	378,863	679	90,963	469,826
Danish	408	511,310	310,761	969	128,595	439,356
Grecian	201	347,160	214,841	894	170,374	385,215
Japanese	556	645,978	403,043	1,596	184,865	587,908
Turkish	114	103,915	65,006	868	173,413	238,419
Austrian	266	555,482	345,684	106	19,676	365,360
Brazilian	202	136,214	86,419	347	76,312	162,731
Chilian	54	65,066	41,032	91	43,438	84,470
Belgian	126	154,093	101,880	11	2,138	104,018
Portuguese	40	48,180	30,328	273	56,565	86,893
Argentine	120	78,995	49,010	158	42,309	91,319
Hawaiian						
Peruvian	3	4,792	3,200	36	24,662	27,862
Chinese	43	56,476	36,088	8	925	37,013
Uruguay	32	26,822	16,826	76	32,053	48,879
Roumanian	26	25,193	14,408	21	3,765	18,173
Egyptian	15	11,274	6,679	8	1,576	8,255
Mexican	30	17,800	10,709	32	10,564	21,273
Nicaraguan	2	783	420	13	8,097	8,517
Guatemalan				10	2,503	2,503
Siamese	7	3,177	1,775	9	2,772	4,547
Venezuelan	8	3,718	1,936	21	3,134	5,070
Arabian				3	2,484	2,484
Haytian	5	1,790	908	10	1,736	2,644
Montenegrin				20	4,728	4,728
Colombian	1	881	457	5	1,385	1,842
Zanzibar	1	350	235			235
Persian	2	1,328	885	1	107	992
Bolivian				1	606	606
Bulgarian	4	5,134	3,042	2	256	3,298
San Domingo				9	1,334	1,334
Corean	4	2,602	1,978			1,978
Costa Rican	3	1,123	671	2	551	1,222
Sarawak	3	2,152	1,357	1	347	1,704
Liberian				3	916	916
Ecuador				1	257	257
Tunisian				3	565	565
San Salvador				3	514	514
Morocco						
Servian	1	264	102			102
Honduras	2	263	115	2	199	314
Cuban	43	41,581	26,869	124	12,260	39,129
Unknown	5	6,531	4,083	211	12,141	16,224
Oriental Republic						
Total	11,532	27,900,457	17,188,561	28,338	7,871,810	25,060,371

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LIST of vessels whose names have been changed by Order in Council, under Section 21 of Chapter 72 of the Revised Statutes of Canada, during the year ended December 31, 1904.

Official Number.	Present Name of Vessel.	Port of Registry.	Former Name of Vessel.
77,915	Ahteek.....	Sault Ste. Marie	Albert Wright.
100,626	Angler.....	Port Dover.....	John A. Stabel.
.....	Belleville.....	Montreal.....	Spartan.
85,495	C. A. Boone.....	Toronto	Severn.
92,681	Cardinal.....	Prescott.....	Mayflower.
103,956	Champlain.....	St. John, N.B.....	Queen.
100,355	Chicoutimi.. ..	Montreal.. ..	Saguenay.
71,609	Cornwall.....	"	Algerian.
109,682	Dack.....	Prescott.....	Dean.
88,376	Eva Marie.....	Victoria, B.C.....	Rainbow
112,080	Five Roses.....	Rat Portage, Ont.....	Edith.
116,399	James Reid.....	Sarnia.....	Protector.
88,616	LaHave Packet.....	Lunenburg.....	Za Za.
103,703	Mikado.....	Yarmouth.....	Westport.
100,660	Navajo.....	Kingston.....	King Ben.
.....	Picton.....	Montreal	Corsican.
107,900	Prescott	"	Bohemian.
107,349	Prince Albert.....	Yarmouth.....	Messenger.
116,268	Rheata.....	Toronto.	J. H. DeGraff.
.....	St. Irene	Montreal.....	Canada.
90,807	Shamrock	Vancouver, B.C.....	Mamie.
51,689	Skylark	Toronto	Sylvester Kneeland.
112,267	Tadousac.....	Montreal.....	Virginia.
75,538	Varenes.....	"	Cultivateur.

DEPARTMENT OF MARINE AND FISHERIES,
OTTAWA, 1905.

F. GOURDEAU,
Deputy Minister of Marine and Fisheries.

APPENDIX No. 2.

TORONTO HARBOUR COMMISSIONERS' REPORT FOR THE YEAR
ENDING 31st DECEMBER, 1904.

GENERAL BALANCE SHEET.

Wharf Property.....	\$43,073 72	Balance to Credit of Profit and Loss..	\$60,542 53
Office Furniture.....	607 88		
Can. Per. Mort. Bonds.....	14,000 00		
Cash in Bank of Toronto	2,855 79		
Cash in Hand	5 14		
	<hr/>		<hr/>
	\$60,542 53		\$60,542 53

We have examined the books and vouchers and have compared the balance sheet with the said books and vouchers, and we certify the same to be correct and to represent a true statement of the affairs of the Trust at this date, 31st December, 1904.
Adopted and ordered to be printed by Board.

J. T. MATHEWS, <i>Chairman.</i>	} <i>Commissioners.</i>	S. BRUCE HARMAN, SYDNEY H. JONES, <i>Auditors.</i>
JOHN H. G. HAGARTY,		
F. S. SPENCE,		
J. H. McGHIE,		
DANIEL CHISHOLM,		
		COLIN W. POSTLETHWAITE, <i>Harbour Master.</i>

PROFIT AND LOSS.

Dr.			Cr.
Solicitor's Account....	\$ 110 96	Balance from Ledger.....	\$55,645 18
Tidy & Son, wreath	10 00	C. P. Railway Co.....	4,000 00
Verral & Co., cab fare	2 75	Harbour Dues.....	6,756 69
Written off Furniture Account.....	60 00	Interest on Bonds.....	557 20
Charges.....	500 00	Rent, Boathouse Sites....	5 00
Salaries.....	2,000 00		
Lights, Buoys and Beacons.....	167 26		
General Repairs..	31 30		
Printing and Stationery.....	45 50		
Dredging	2,909 34		
Office Expense and Rent.....	549 78		
Interest on Over-draft	34 65		
Balance to Credit Profit and Loss	60,542 53		
	<hr/>		<hr/>
	\$66,964 07		\$66,964 07

Examined and found correct, Toronto, Jan. 3rd, 1905.	S. BRUCE HARMAN, SYDNEY H. JONES, <i>Auditors.</i>
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RECEIPTS AND EXPENSES.

RECEIPTS.		EXPENDITURE.	
Cash in Bank, January, 1904.....		Overdraft, Jan. 1904.	\$ 2,098 36
Cash in Hand, January, 1904.	\$ 9 94	Insurance on Q. Wharf.....	8 60
Suit with Sand and Dredging.....	247 51	Solicitor's Fees	110 96
City of Toronto Account, Dredging...	1,009 06	Funeral Expenses	12 75
Refund of Insurance.....	8 60	Commissioners' Fees, &c.....	500 00
C. P. Railway Rentals.....	4,000 00	Office Furniture.....	8 00
Polson Iron Works Account, Dredging	73 96	Salaries for Year.....	2,000 00
Rent, Boathouse sites at Don.....	5 00	Lights, Buoys and Beacons	267 26
City Waterworks.	100 00	General Repairs.....	31 30
Interest on Deposits.....	11 90	Printing and Stationery	45 50
Harbour Dues for Year.....	6,756 69	Dredging	4,239 90
Interest on Debentures	557 20	Office Expenses and Rent.....	549 78
		Interest on Overdraft.....	46 55
		Cash in Bank of Toronto. ..	2,855 79
		Cash on Hand.....	5 14
	\$12,779 89		\$12,779 89

Examined and found correct.

S. BRUCE HARMAN,
SYDNEY H. JONES,

Toronto, Jan. 3rd, 1905.

Auditors.

COMPARATIVE STATEMENT.

Goods arrived at the port of Toronto by vessel for years 1903-4.

DESCRIPTION OF GOODS.	1903.	1904.
General Merchandise.....tons	29,800	31,603
Coal, Hard and Soft....."	171,787	171,503
Wood.....cords	67	
Lake Stone. ....toise	3,095	3,258
Ice.....tons	13,595	5,264
Fruit in Packages.....brls	769	5,065
".....crates	9,353	23,567
".....baskets	445,029	350,498
".....bags	224	986
Paving and Fire Bricks.....	129,000	130,000
Shingles.....bundles	641,000	
Gram.....bushels		3,500
Horses and Carriages, &c.....	156	105
Coal Oil in Bulk.....brls	18,626	10,141

FIFTY-FOURTH ANNUAL REPORT.

To the Commissioners of the Harbour of Toronto.

GENTLEMEN,—I have the honour to submit my report for the year 1904.

The harbour was clear of ice on April 22nd, having been frozen for 130 days ; this is the longest period of which I have any record, the winter being exceptionally long and severe. Solid ice formed again on December 11th, three days earlier than last year.

The first vessel to arrive was the schooner *Madeline*, Captain George Atkinson, on April 22nd, with a load of stone, he was given the historical hat. The last vessel to arrive was the schooner *H. M. Ballou*, Captain Alfred Thomas, also loaded with stone, on December 8th.

The number of vessels arriving at this port during the season was 3,398, being 234 more than for last year, while their registered tonnage shows an increase of 247,170 tons.

	1903.	1904.	Increase.	Decrease.	Tonnage.	
					1903.	1904.
Propellers, loaded	469	446	..	3	149,320	199,976
“ light	74	95	1	..		
Steamers, loaded	1,988	2,349	361	..	955,333	1,153,403
“ light	2	4	2	..		
Sailing, loaded	622	493	..	129	60,636	59,080
“ light	9	11	2	..		
	<hr/> 3,164	<hr/> 3,398	<hr/> 366	<hr/> 132	<hr/> 1,165,289	<hr/> 1,412,459

The year was commenced with a deficit of \$2,098.36, for which an over-draft was secured from the Bank of Toronto, this deficit being occasioned by heavy repairs at the Queen's wharf during the previous summer.

The total cash receipts from all sources for the current year amount to \$12,799.89. The total expenditure for same period is \$9,918.96, leaving a cash balance of \$2,860.93.

Coal receipts for the year are as follows, viz. : anthracite coal, 133,423 tons ; bituminous coal, 38,080 tons ; in all 171,503 tons, being 284 tons less than for last year.

The total quantity of coal imported into Toronto for the year by rail and vessel, as per returns from the Government, is as follows, viz. : anthracite, 565,136 tons, bituminous, 695,323 tons, in all 1,260,459 tons, being 162,808 tons more than in 1903.

High water in the lake this year caused a saving in the amount of dredging required, the cost of which was \$4,239.90, or \$2,212.84 less than for last year.

The fruit crop was a disappointment ; the number of packages was 380,250, being 75,259 less than for 1903 ; the harbour dues thereon showing a corresponding decrease of \$70.81.

The Dominion Government Transportation Committee met in this city during the summer, and reports and statements from this office were submitted. The river Don continues industriously to deposit material in the waters of the bay, and from recent soundings taken by the city engineer, it appears that in some parts of the eastern portion of the harbour there is less than two feet of water, altogether attributable to deposits from the Don. Application has been made to the Dominion Government for the diversion of this river, but it has been urged that this is a local matter and that the Don is not a navigable stream within the meaning of the Act. If this be so, I think the time has come for joint action on the part of the Harbour Commissioners and the City Council, towards diverting this stream, and I would venture to recommend that opinions with respect to the feasibility of this undertaking be obtained from the solicitors of the respective corporations. There are no engineering difficulties ; are there any legal ones ?

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The highest water for the year was $36\frac{1}{2}$ inches above zero, on the 12th of July ; the lowest water was $8\frac{1}{2}$ inches below zero on the 24th of January. The lake level has been fairly high all the season ; the average for the year being 18 inches above zero, or 9 inches above the average of last year. The highest point touched, $36\frac{1}{2}$ above zero, is the highest point recorded since 1890, when 37 inches above zero was reached on June 2nd.

The lamps at the Queen's wharf were lighted for the first time on April 13th, and they were discontinued on December 12th.

The harbour buoys were placed out on April 13th, and were taken up on November 28th. The spar buoys in the bay being allowed to remain until December 10th for the convenience of late arrivals.

There are 72 vessels wintering in the harbour, viz., 10 passenger steamers, 7 freight propellers, 13 schooners, 9 steam launches, 9 steam ferries, 4 steam tugs, 16 pleasure yachts and 4 dredges, in all representing about 11,919 tons register.

The steam fog-horn at the western end of the island was sounded on 45 days, viz., in April 5 times, in May 12 times, in June 13 times, in July 5 times, in August twice, in September 3 times, in October 3 times, and in November twice.

A syren has been erected at the eastern entrance, but I believe it has not yet been handed over to the Government.

The Government Engineer of the Public Works of Canada, Major Henry A. Gray, in charge of harbours and rivers, Ontario, reports as follows :—

‘The sand bar, 500 feet south of eastern entrance piers, mentioned in last year's report, has increased during the past year, extending slightly more to the west, so that, except for high water prevailing during the past season, it would have been troublesome.

There was 14 feet navigation over the whole of the bar, except late in the fall, when, owing to the fall of water level, only a portion was available.

One thousand feet of sheet piling was constructed on channel side of East pier, northward from Lighthouse crib, protecting cribs which had been undermined.

The superstructure of East pier over above area of one thousand feet was rebuilt from low water level.

All of the above work was completed by middle of November.

The best depth of water in channel is in center.

Mr. A. B. Lee, who had represented the Dominion Government on the Harbour Trust since 1881, and who had been chairman of the Board of Harbour Commissioners for 22 consecutive years, died on June 22nd, this year. An emergent meeting of the board was called for June 25th, to enable the commissioners to attend the funeral in a body.

Mr. Alderman F. S. Spence was appointed Government representative in place of the late Mr. Lee, and at a meeting of the board held on Aug. 4th, Mr. James T. Mathews was elected chairman.

The precipitation for the year, as per information furnished by Mr. R. F. Stupart, Director of the Meteorological Observatory in Toronto, is as follows, viz.: Rain, 30.040 inches ; snow, reduced to water, 5.650 inches ; in all 35.690 inches or 5 inches above the precipitation for 1903.

I am, gentlemen,
Your obedient servant,

COLIN WM. POSTLETHWAITE,
Harbour Master.

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TORONTO HARBOUR WORKS,

TORONTO, January 4, 1905.

SIR,—I have the honour to report that the following quantities of dredging were done at the wharfs and slips during last season by Mr. Frank Simpson, at 23½ cents per cubic yard.

The material dredged was dumped in the lake 8 ¹/₁₀ miles distant, due south from the lighthouse at the eastern entrance channel, as required by the Board of Health, with the exception of the dredging done at the western slip of Polson's Iron Works; as this material was not affected by sewage, it was dumped at the water lots of the Grand Trunk Railway, near the Queen's Wharf.

Princess Street entrance	5,822 cubic yards.
E. Rogers & Co.'s Wharf.....	6,414 “
Medlar & Arnot's Wharf.....	1,107 “
Polson's Iron Works.....	2,565 “
	<hr/>
	15,908

The check clerk took soundings at the several wharfs where dredging is generally done during each season, but owing to the high water in the lake, 30 inches above zero when the soundings were taken, dredging was not required except at Polson's Iron Works.

Deputy Harbour Master also took soundings at Queen's Wharf channel early in June, but owing to the high water in the lake, as above mentioned, dredging was not considered to be necessary, and there was no impediment to vessels entering or leaving the harbour.

I remain,
Your obedient servant,

JAS. T. MATHEWS, Esq.,
Chairman Toronto Harbour Commissioners.

(Signed) KIVAS TULEY,
Engineer.

COMPARATIVE STATEMENT of receipts and expenditure for years 1902, 1903 and 1904.

RECEIPTS.				EXPENDITURE.			
	1902.	1903.	1904.		1902.	1903.	1904.
C. P. Railway....	\$4,000 00	\$4,000 00	\$4,000 00	Charges Comm's & auditors' fees for year.....	\$ 300 00	\$1,009 00	\$ 500 00
Harbour dues	5,868 72	6,791 42	6,756 69	Fire insurance.....	17 50	8 60	
Interest on bonds..	433 72	557 20	557 20	Salaries for year. .	2,000 00	2,000 00	2,060 00
Interest on deposit	91 90	43 15		Lights, buoys and beacons..	135 55	203 00	267 26
Water Works Department.	66 67	66 67	100 00	General repairs....	600 00	6,345 86	31 30
Rent of boat house sites at Don.....	4 00	4 00	5 00	Printing and Stationery.....	35 85	54 81	45 50
				Dredging.	4,243 08	6,452 74	4,289 90
				Office expenses and rent.....	578 87	575 32	549 78
				Furniture account .	62 97	125 00	8 00
	<hr/>	<hr/>	<hr/>		<hr/>	<hr/>	<hr/>
	\$9,865 01	\$11,462 44	\$11,418 89		\$8,004 32	\$16,774 23	\$7,650 334

APPENDIX No. 3.

REPORT OF THE QUEBEC HARBOUR COMMISSIONERS, FOR THE YEAR ENDING DECEMBER 31, 1904.

QUEBEC, January 2, 1905.

To the Honourable
RAYMOND PRÉFONTAINE,
Minister of Marine and Fisheries,
Ottawa.

SIR,—In compliance with the requirements of the Quebec Harbour Commissioners' Act, 1899, I have the honour, to report as follows on the doings of the Quebec Harbour Commissioners for the year 1904.

CHIEF ENGINEER'S REPORT.

The annexed report (marked "A") from the chief engineer, Mr. St. Geo. Boswell, conveys information in regard to all matters coming under his care in connection with the commissioners properties, and the various additions and reparations made to them during the course of the year.

WHARFINGER'S REPORT.

The annexed report (marked "B") from the wharfinger, Mr. P. Flynn, gives the usual information regarding the traffic of the Louise Docks during the year 1904.

HARBOUR MASTER'S REPORT.

The annexed report (marked "C") from the harbour master, Mr. J. C. Sullivan, gives information in regard to the opening and closing of navigation in the harbour, formation of ice, &c.

PREMISES LEASED.

Renewals of their leases for one year have been given to the following tenants: Edmond Conway, Joseph Lapointe, A. E. Clint, Dussault & Lemieux, Mathieu & Glode, Joseph Gingras, Thos. Davidson & Co., E. M. Lennon & Co., Whitehead & Turner, A. R. Pruneau & Co., J. S. Thom, W. H. Crawford & Co., Quebec Coal Co., and Canadian Import Co.

The Grand Trunk Railway Company, whose lease of the Grand Trunk and Wellington Wharfs expired on the 30th of April last, have re-leased those properties for a term of five years.

DETENTION HOUSE.

The detention house for the reception of trachoma patients, mentioned in the report of 1903, and which it was proposed to erect on the Louise Embankment, and to which erection the commissioners took strong objection, has been, they are pleased to say, located at Savard Park, a much more suitable place for a building of this kind.

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VISIT TO OTTAWA.

On the 7th of March, the chairman, Mr. J. B. Laliberté, accompanied by the chief engineer, had interviews with the Honourables the Premier and the Minister of Marine and Fisheries to urge upon the part of the commissioners, the importance of making provision for the further extension of the breakwater, and the pushing forward of this work with all possible dispatch.

The commissioners are pleased to note that their recommendations have been acceded to, a further contract having been given, and that the work in question is making good progress.

ELECTION BY SHIPPING INTEREST AND BOARDS OF TRADE.

At the meeting held on the 1st of August, a letter was received from the Secretary of the Board of Trade, Quebec, notifying that Mr. Geo. Tanguay, M.P.P., had been re-elected as that board's representative on the commission for the ensuing term of three years, and at the meeting of the 8th August, notifications of the re-election of Mr. Et. Dussault as the representative of the Board of Trade, Lévis, and of the elections of Messrs. Felix Carbray and William M. Dobell, as representatives of the Shipping Interest, were received.

In connection with the retirement of the Honourable John Sharples, who had served for many years on the commission as one of the representatives of the Shipping Interest, the board at their meeting of the 8th August unanimously passed the following resolution.

Resolved, that in acknowledging the reception of the letter of the Honourable John Sharples, announcing his retirement from the board, the secretary be instructed to convey to Mr. Sharples their deep regret to learn of his retirement, their appreciation of the very valuable services he has rendered to the commission and to the Shipping Interest of the port, of whom he was so many years one of the distinguished representatives on this board.

The commissioners will ever retain a kindly remembrance of their pleasant relations, with Mr. Sharples. They wish him still many years to enjoy health, prosperity, and every blessing.

REPAIRS TO PROPERTIES.

Careful attention has been paid during the year to the various properties, to maintain and bring them up to a first class condition.

Details will be found in the chief engineer's report.

VISIT OF THE ROYAL TRANSPORTATION COMMISSION.

At a special meeting held on the 10th of June, the commissioners had the pleasure of an interview with the Royal Transportation Commission, and on the part of the board, the chairman Mr. J. B. Laliberté, tendered to the members of this important commission, Messrs. Bertram, Reford and Fry, a hearty welcome, and submitted the following memorandum from the commissioners as to the requirements of the harbour of Quebec.

MEMORANDUM OF REQUIRED HARBOUR IMPROVEMENTS AT QUEBEC.

First.—The extension of the breakwater in a northerly direction for a distance of 1,460 feet and providing in connection with this extension sufficient quay surface to permit of the erection of a suitable passenger landing shed, freight sheds and railway facilities substantially as indicated on plan No. 2, herewith submitted.

This extension is most urgently required, as at present there is only one berth for passenger steamships, the consequence has been that frequently owing to the berth being occupied by a preceding vessel, passenger steamships have had to wait in the stream for a very considerable time before being berthed.

SESSIONAL PAPER No. 23

Second.—To complete the dredging out of the wet dock and to construct a pier 600 feet long and 230 feet wide extending out into the basin from the embankment quay wall as shown on plan No. 2 outlined in red and marked "projected pier".

This work is required in order to furnish sufficient accommodation for the reception of coal cargoes, and to enable this business being confined to that part of the docks reserved for this purpose.

Third.—The construction of a quay wall on the south side of the wet dock as along the lines A B C D on the plan No. 2, whenever the properties on the south side of the wet dock can be obtained on reasonable terms.

This work would complete the wet dock, and place it completely under the control of the Harbour Commissioners.

Fourth.—To widen the breakwater on the dock side as shown on plan No. 2.

This would provide a deep water berth on the inside face of this pier and furnish additional quay surface.

Fifth.—To construct on the Point Lévis side of the harbour a deep water quay frontage 2,000 feet long, extending from the southern end of the present Intercolonial Railway Wharf up the river in the direction of the Grand Trunk Railway Wharf, and to erect in connection with this pier suitable cold storage and freight shed accommodation.

This work is required, as at present there is no accommodation for vessels, the consequence being that all produce from south shore points has to be sent to other ports for shipment.

Sixth.—In view of the fact that the railways using the bridge across the St. Lawrence will require shipping facilities along the river front, the commissioners have had shown on plan No. 1, a quay frontage extending from Victoria Cove down to the Point-à-Carcy Wharf.

EXPENDITURE ON CAPITAL ACCOUNT.

The expenditure on capital account has been \$27,223.66, nearly the whole of this amount \$27,154.98 was for various works connected with the St. Charles' Docks.

REVENUE AND EXPENDITURE.

The revenue of the commissioners for the year 1904 has been \$89,302.83, and the expenditure \$84,486.26 leaving a surplus of \$4,816.57 over working expenses and interest on preference bonds.

ACTING CHAIRMAN.

During the absence in Europe of the chairman, Mr. J. B. Laliberté, Mr. D. Arcand was the presiding officer, having been unanimously elected by the board as acting chairman.

ICE CUTTING.

During the winter of 1903-1904, 63,794 blocks of ice have been cut for local use.

Care has been taken that all this ice cut for domestic purposes is perfectly pure, and taken from localities in the harbour that have been selected after an analysis of the ice had been made.

To this report are annexed the various statements conveying the information yearly forwarded to your department, in connection with the harbour, as also a complete statement of the commissioners' account for the year.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOODS,
Secretary-Treasurer.

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(A.)

HARBOUR ENGINEER'S OFFICE,
QUEBEC, January 2, 1905.JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit herewith the following with reference to the various works, in connection with the maintenance and improvement of the harbour of Quebec, executed by this department during the year 1904.

The work of renewing the river face of the breakwater, which was begun during the summer of 1903, was continued during the past season, until completed early in November last. This work consisted essentially in taking down and rebuilding the cribwork face of the wharf, where found to be defective; sheathing the whole of the river face, from low water up to the level of the coping, with eight inches in thickness of elm timber; repairing the surface planking, and filling in with dredge material, where required.

The accommodation for coal cargoes on the embankment having become insufficient for the requirements, an additional length of 500 feet of platform has been laid down, extending, from the eastern end of the previously existing platform, in the direction of the cross wall; in connection with this work, 100 feet of railway track were removed, and 1,300 feet of new track laid down along the inside face of the new coal platform.

The repairs to the cross wall bridge tracks, referred to in last year's annual report, have been completed and have proved to be satisfactory; new cast steel main wheels have been substituted for the cast iron bridge wheels formerly in use, and an auxiliary engine, for operating the bridge in case of a break down of the main engine, has been installed.

The bridge engine boiler has also been extensively repaired, and is now in good condition.

The Nova Scotia Steel & Coal Company having taken up their site to the north of the Carriage roadway, it became necessary to remove Messrs. Madden & Son's weigh house, this has been done, the weigh house having been placed on the site south of the roadway.

The Nova Scotia Steel & Coal Co., have erected a car weighing scale on the site allotted to them for the purpose, in connection with their coal discharging plant, and a railway track has been laid down to this scale, and along the inshore side of their coal platform, by the commission.

The planked roadway leading from the embankment to Ramsay street, has been repaired and replanked, where required; and some 450 cubic yards of broken stone used in repairs to embankment and cross wall roadways.

The railway lines have been maintained in good condition, 100 switch timbers and 1,700 ties having been renewed.

Ten W. iron mooring rings have been placed in the northern cribwork, and one C. iron mooring post in the breakwater, to replace wooden mooring posts.

The roofs of sheds Nos. 13, 14 and 18 have been painted, and minor repairs made to all the landing sheds, when needed.

The commissioners' dredge was placed in Russell's dock on the opening of navigation; and was there scraped and painted, and put in good condition for the season's work. During the past season, this dredge removed about 20,000 cubic yards of silt from the Tidal basin, and worked for 17 days at Indian Cove removing boulders, &c.

The Government Dredge No. 6 has been employed in the wet dock, removing the bank remaining between the commissioners' line and the wet dock quay wall, and has now completed this work, having removed during the past season some 25,000 cubic yards of sand. The materials removed by the dredges, have been deposited in the new work forming the northern extension of the breakwater now under construction.

SESSIONAL PAPER No. 23

Floating fenders have been placed on the river front of the old Point-à-Carcy wharf, to protect vessels berthed at the new extension, and overlapping the old face from contact with this part of the wharf.

The floor of the cold store engine room has been taken up and relaid, and foundations placed for the electric power current transformers. Some of the posts in shed No. 19, which had settled down, have been raised up to the proper level, and other small repairs have been made to this and No. 21 shed.

The roof of store No. 7 has been resheathed, and the vacant space beneath the floor of store No. 8 has been filled in.

The surface planking of the various wharfs has been renewed where required, and the various properties of the commission kept in good condition.

The Cross Wall draw bridge was operated, for the first time the past season, on April 22, and the last time on December 4. The water was retained in the wet dock, for the first time on May 7, and for the last time on November 26, on which date the gates were allowed to remain open, and were secured for the winter.

I have the honour to be, sir,
Your obedient servant,

ST. GEO. BOSWELL,
Chief Engineer.

(B.)

QUEBEC, January 2, 1905.

JAMES WOODS, Esq.,
Secretary-Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit the following report with reference to the harbour of Quebec for 1904.

Local navigation from the Lower St. Lawrence was opened on March 31 by the arrival in the harbour of ss. *Orion* under steam and the bateau schooner *Caron*.

The ice in the tidal basin broke up on April 4.

Schooner *Providence* arrived from Lower St. Lawrence on April 6.

SS. *King Edward* with passengers, mail, and a full cargo for the Gulf St. Lawrence left Louise Basin on April 9.

Bateau schooner *Caron* left for the Lower St. Lawrence on April 8, with general cargo under sail.

The ice in the wet dock broke up on April 9.

First outward steamer for sea ss. *Restigouche* left port on April 17.

Navigation to all parts of the Lower St. Lawrence was general on April 18.

The ice in St. Charles river and north shore channel broke up on April 13.

The first cargo steamer from sea ss. *Britannic* with coal cargo arrived in the harbour on April 24.

The ice from Cap Rouge passed down on April 27.

The first ocean passenger steamer ss. *Lake Champlain* from sea arrived in the harbour on April 30.

The first royal mail steamer ss. *Ionian* (Allan) arrived in the harbour with passengers and general cargo on May 3.

The first Richelieu & Ontario Navigation Company steamer ss. *Quebec* arrived from Montreal on May 3.

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The first Richelieu & Ontario Navigation Company steamer ss. *Quebec* left for Montreal on May 3.

All pontoons were placed in position on May 2.

The first Richelieu and Ontario Navigation Company steamer ss. *Virginia* left the harbour for Saguenay with passengers, &c., on May 4.

The first royal mail and passenger steamer ss. *Ionian* with passengers and mails, left the harbour for sea on May 7.

The ss. *Lake Champlain* passenger and freight steamer left the harbour for sea on May 9.

No ballast was discharged into the harbour during the past season.

H.M.S. *Ariadne*, *Retribution* and *Tribune* arrived and anchored in the harbour on August 23.

These docks and wharfs have accommodated a large number of propellers, steam schooners and barges, passengers, boats, &c.

In addition to the routine work of the harbour and office, three hundred and eighty ocean sea going steamers and sea going vessels have been berthed in the Louise docks, breakwater and Point-à-Carcy wharfs.

The limits of the clear water space opposite the city, are indicated at night by red lights, and in day time by sign boards on both sides of the river.

The last ocean passenger steamer and royal mail ss. *Ionian* (Allan) with mails and passengers left the harbour on November 18.

The last ocean passenger steamer ss. *Pretorian* (Allan) with passengers and freight left the harbour on November 23, for sea.

Last Richelieu & Ontario Navigation Company steamer from Saguenay ss. *Virginia* arrived in the harbour on November 6.

Last Richelieu & Ontario Navigation Company ss. *Montreal*, for Montreal, left the harbour on November 26.

All pontoons were placed in winter quarters on November 27.

The last cargo boat (coal) ss. *St. Helen* arrived in the harbour on December 7.

SS. *Restigouche* arrived in the harbour coal laden on December 7.

The last ocean steamer ss. *St. Helen* left the harbour for sea on December 8.

The *Restigouche* went into winter quarters on December 10, in the tidal basin.

The ice in the wet dock formed on December 2.

The ice in the tidal basin formed on December 5.

The ice in the St. Charles river and north channel connecting the island of Orleans with the main land formed on December 9.

Notices have been posted in suitable localities, warning parties from discharging rubbish of any kind in the harbour, docks, &c., and every precaution is being taken to prevent any violation of the regulations of the commissioners in that respect.

I have the honour to be, sir,

Your obedient servant,

J. C. SULLIVAN,
Harbour Master.

QUEBEC, January 2, 1905.

JAMES WOODS, Esq.,
Secretary Treasurer,
Harbour Commission,
Quebec.

SIR,—I have the honour to submit the following with reference to the traffic of the St. Charles docks and wharfs, showing the number of vessels, their registered tonnage amount and description of cargo landed and shipped from those docks during the season 1904 :—

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Inwards.

227 vessels 724,140 tons register.
12,557 tons of general cargo.
3,032 tons of cement.
4,973 tons of salt.
133,416 tons of butuminous coal.
700 tons of steel rails.
3,161 tons of molasses.

Outwards.

96 vessels 319,194 tons register.
5,373 tons of general cargo.
9,274 tons of pulp (74,192 bales).
100 heads of cattle.
20,575 P.S. of lumber.

ANTHRACITE COAL TRAFFIC.

129 barges 14,179 tons register landed 34,975 tons coal.

LOWER PORT STEAMERS.

76 vessels 18,993 tons register.
Landed 642 tons of general cargo.
Shipped 1,862 tons of general cargo.
Shipped 2,090 tons of coal.
3 barges of 2,435 tons register landed 4,500 tons steel rails.
89 schooners of 4,895 tons register landed 104,334 railroad ties.
17 barges of 5,950 tons register shipped 7,560 cords pulp wood.
11 barges of 4,162 tons register landed 299,290 bushels 513 tons grain.

VESSELS IN DISTRESS USING THE DOCKS.

One sailing vessel having been damaged by ss. *Truma* off St. John Island, came to Pointe-à-Carcy to be surveyed, went over to the Geo. Davie dock where she was repaired and then proceeded to Miramichi.

During the past season the different ocean mail steamers landed 61,000 passengers at the immigration station, Louise docks, who were forwarded to their future homes by the different railway companies.

No record has been kept of cabin passengers.

There are wintering on the Louise docks 12,000 Quebec standard of lumber, besides coal, railway ties, timber &c., &c.

During the past season spaces were rented at a small rate for storage off coal landed and removed from water front.

The surface traffic has required the employment of 5,491 cars.

There are stored in the different freight sheds, salt, cement, &c., &c., which the owners are obliged to remove before the opening of navigation and temporary storage was given during the summer for :

9,050 tons cement.
21,086 tons coal.
3,557 tons salt.
2,499 tons steel rails.
4,222 tons pulp.
1,236 squares lumber.

Nova Scotia Steel & Coal Co.

Coal stored on space rented 6,500 tons.

Dominion Coal Co.

Coal stored on space rented 5,700 tons.

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The docks are occupied during the winter season by a large number of vessels of various tonnages, where they find safe quarters until the opening of navigation.

I have the honour to be, sir,
Your most obedient servant,

P. FLYNN,
Wharfinger.

QUEBEC HARBOUR COMMISSION.

COMPARATIVE STATEMENT of the Revenue of the Commissioners for the years 1903 and 1904.

	1903.	1904.	Difference in 1904.	
	\$ cts.	\$ cts.	\$ cts.	
Tonnage dues....	9,239 56	8,227 06	1,012 50	Decrease.
Import dues....	5,157 60	5,372 38	214 78	Increase.
Export dues . . .	6,818 92	2,797 78	4,021 14	Decrease.
Harbour dues.....	2,140 62	2,236 42	95 80	Increase.
Earnings of docks, wharfs and stores.....	67,021 08	63,047 11	3,973 97	Decrease.
Cold storage	7,685 58	5,402 03	2,283 55	"
Beach and deep water lots	1,135 40	1,151 24	15 84	Increase.
Interest	1,643 25	1,025 81	617 44	Decrease.
Sundries	14 00	43 00	29 00	Increase.
	100,856 01	89,302 83	11,553 18	Decrease.

JAS. WOODS,
Secretary-Treasurer.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

Dr.

BALANCE SHEET OF DECEMBER 31, 1904.

Cr.

	\$	cts.	\$	cts.
To Office furniture.....				
Amount at debit of grantees beach and deep water lots..			3,782	12
Amount at debit 'sundries' for rents, wharfage, &c.....			39,270	27
Unsettled claims against the Dominion Government.....			20,059	61
Cold storage accounts.....			264,719	95
St. Charles docks and wharfs.....			3,052	13
Fast India wharf.....			4,094,146	39
Wellington wharf			48,896	64
Grand Trunk wharf.....			86,541	85
Atkinson's wharf.....			15,740	32
Reynars wharf.....			51,103	20
Cold storage plant.....			9,918	29
Commissioners' dredge			25,315	47
New deck scow			10,714	49
Pile driver.....			2,830	38
Material on hand			527	66
Cash on hand	1,133	05	1,042	54
La Banque Nationale.....	24,646	93		
Tools account.....			25,779	98
Jackscrows account.....			4,308	08
Anchor account.....			394	87
Bills receivable.....			264	38
Suspense account.....			925	72
			2,845	06
			4,712,179	40
By Receiver General.....				
Quebec harbour debentures..				43,380 00
First preference bonds.....				3,612,802 42
Cold storage shareholders.....				353,000 00
Beach and deep water lots.....				20,000 00
Profit and loss.....				54,523 73
				628,473 25
				4,712,179 40

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

JAS. WOOD,
Secretary-Treasurer.

We hereby certify that we have examined the books and vouchers of the Quebec Harbour Commissioners to December 31, 1904, and that this balance sheet is correct.

QUEBEC, February 13, 1905.

L. A. BERGEVIN,
ALEX. J. MESSERVEY, *Auditors.*

QUEBEC, DECEMBER 31, 1904.

STATEMENT of Assets and Liabilities, per Balance Sheet of Date.

1904.	ASSETS.	\$ cts.	\$ cts.	1904.	LIABILITIES.	\$ cts.	\$ cts.
Dec. 31.	Real Estate—			Dec. 31.	Quebec Harbour debentures	3,612,802 42	
	St. Charles docks and wharfs	4,094,146 39			First preference bonds	350,000 00	
	East India wharf	48,896 64			Interest to January 1, on \$150,000 of pre- ference bonds	3,000 00	
	Wellington "	86,541 85			Receiver General of Canada	43,380 00	
	Grand Trunk "	15,740 32			Shareholders of Quebec—		
	Atkinsons "	51,103 20			Cold Storage Warehouse Co.	20,000 00	4,029,182 42
	Reynars "	9,918 29					
	Cold storage plant, &c.		4,306,346 69				
	Commissioners dredge.		25,315 47				
	Deck scow		10,714 49				
	Pile driver		2,830 38		Surplus, composed as follows—		
	In re Beach and Deep Water Lots—		527 66		Beach and Deep Water Lots	54,523 73	
	Capital at debit 'sundries'	31,978 26			Profit and loss	628,473 25	682,996 98
	Arrears of interest to June 24.	7,292 01					
	" " Dec. 24.	797 68	40,067 95				
	Rents, Wharfage, &c.—						
	Due by sundries as per balance sheet . .	20,059 61					
	Rentals for November and December . .	2,047 38	22,106 99				
	Cold storage accounts		3,052 13				
	Cash—						
	On hand	1,133 05					
	La Banque Nationale	24,646 93	25,779 98				
	Dominion Government—						
	Unsettled claims		264,719 95				
	Material on hand		1,042 54				
	Office furniture		3,782 12				

Tools.....	4,308 08	
Jackscrews	394 87	
Anchors.....	264 38	
Bills receivable	925 72	
	4,712,179 40	4,712,179 40

MEMO.—The arrears of interest on Government debentures are not included in this statement.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

We hereby certify that we have examined the Statement of Assets and Liabilities of the Quebec Harbour Commissioners and we find same in all particulars the true position of the trust at that date.

The Chairman and Commissioners,
Quebec Harbour Commission,
Quebec.

We have audited the books and vouchers of the commission for the year ending December 31, 1904, and have to report everything was correct and in good order.

We tender our sincere thanks to the secretary-treasurer for the facilities afforded us in our audit and his kind attention to our wants during the discharge of our duties in connection with our annual work.

QUEBEC, February 13, 1905.

JAS. WOODS,
Secretary-Treasurer.

L. A. BERGEVIN,
ALEX. J. MESSERVY.

L. A. BERGEVIN,
ALEX. J. MESSERVY, } *Auditors.*

CR.

REVENUE AND EXPENDITURE.

1904.		\$	cts.		1904.		\$	cts.
Dec. 31.	To Tonnage dues.....	8,227	06		Dec. 31.	By Administrative and engineering staff, salaries and fees..		
	Import "	5,372	38			Legal expenditure.....		14,574 13
	Export "	2,797	78			Notarial "		754 81
	Harbour "	2,236	42			Miscellaneous expenses printing, stationery, advertising, harbour master, general labour and other expenses.....		195 50
	To Property Earnings—					Property expenditure, taxes, insurance and maintenance of docks, wharfs and stores		5,477 78
	St. Charles docks and wharfs and stores under lease.....	49,201	63			Commissioners' dredge, maintenance of dredging.....		38,500 81
	Due by and charged to the Department of the Interior for ground occupied for immigration purposes.....	13,845	48			Cold store expenses.....		3,332 13
	Cold storage warehouses			63,047 11		Beach and deep water lots		7,449 05
	Beach and deep water lots			5,402 03		Sundries		179 45
	Interest.....			1,151 24		12 months' interest to 1st January, 1905, on first preference bonds.....		22 60
	Sundries			1,025 81		Surplus of Customs, receipts and earning of docks, wharfs and stores over the working expenses and interest on \$350,000 of preference bonds.....		14,000 00
				43 00				4,816 57
								89,302 83

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

JAS. WOODS,
Secretary-Treasurer.

QUEBEC HARBOUR COMMISSION.

Expenditure on Capital Account during the year 1904:—

	\$	cts.
St. Charles docks and wharfs.....	27,154	98
Tools account.....	58	28
Cold storage warehouse.....	10	40
	<hr/>	
	27,223	66
	<hr/>	

JAS. WOODS,
Secretary-Treasurer.

HARBOUR COMMISSIONERS' OFFICE,
QUEBEC, January 2, 1905.

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APPENDIX No. 4.

REPORT OF THE HARBOUR COMMISSIONERS OF THREE RIVERS
FOR THE YEAR ENDING DECEMBER 31, 1904.

THREE RIVERS, MARCH 31, 1905.

To F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I beg to transmit to-day the annual report of the Harbour Commissioners of Three Rivers for the year ending December 31, 1904, *i.e.*, a statement of the number and tonnage of vessels arrived and a summary review of the trade and commerce of the port during the same year.

I have the honour to be, sir,
Yours respectfully,

GEORGE BALCER,
Secretary.

COMMISSIONERS :

Alex. Houlston, Esq., Chairman.	
Henry E. Hart, Esq.,	R. S. Cooke, Esq.,
N. Duplessis, Esq.	Thom. Malone, Esq.,
George Balcer, Secretary.	

As far as the shipping is concerned, the year 1904 was rather disappointing. Long before the opening of navigation the condition of this particular section of the trade, as well as of several important articles of export, foreshadowing a more or less serious depression—affected not only our Canadian ports, but the Atlantic ports of the United States as well.

Under these circumstances Three Rivers could not and did not make an exception. And we need not be surprised to find the number of steamers reduced from 106, with 252,000 tons, in 1903, to 75 and 167,000 tons, in 1904: a falling off of not less than 31 vessels with over 80,000 tons.

Yet, in face of this decline of nearly 30 per cent in our ocean tonnage, caused by the shrinkage in the export of lumber, our transactions in general, not only held their own, but actually exceeded the total of the preceding year. This may be accounted for by the stability of our imports, the increase in some lines of our staples and the introduction of others, but more particularly because, while the ocean traffic suffered a loss, our transactions with the United States—both in regard to the shipping and value of exports—increased, the first by 60 per cent, and the latter by 30 per cent.

Consequently, although disappointing in some respects, the result, on the whole, was fairly satisfactory.

And had it not been for the unfortunate delay in the construction of the new wharf in the western section of the harbour—in spite of all drawbacks not only would the result have been better, but the season of 1904 would have ranked in every detail of our maritime traffic, as the best on record. For nothing was easier than to make up the deficiency caused by the decline in one of our staples, by quite a number of articles of export and import which, for lack of sufficient wharf accommodation, we are yet prevented from receiving or directing from our port.

SESSIONAL PAPER No. 23

The striking feature of last year's transactions was, as already indicated, the loss of 21 million feet in the export of lumber to Great Britain and other European markets, viz. : 33 million feet, at a rough value of \$550,000, as against 54 million and \$750,000 in 1903 ; a falling off of nearly 30 per cent in quantity and over \$200,000 in value ; and gauged by the average cargo, a decrease of from 25 to 30 vessels.

The redeeming feature 'par contre' was the first regular export of live stock, *i.e.*—2,506 head of cattle and 1,000 sheep ; fully covering, in value, the loss sustained on lumber, but failing to make up the difference in the tonnage, the same vessel transporting cattle also carrying the other freight.

A feature no less remarkable—but this merely to draw attention to the absurdity of the situation, in regard to direct communication and proper means of transport by rail between the city and leading manufacturing centres along the St. Maurice—is the export, *via* Three Rivers, of only 216 tons of pulp to Great Britain ;—that is the 'enormous' proportion of not even 1 per cent of the output of our pulp and paper mills. And as for the rest of our manufactures and products, not a single specimen, as usual, did find its way out to a foreign market, through our port.

Surely, as long as such conditions are allowed to prevail, no matter what may be our resources and how great the advantages of our port, progress will not only continue slow, but we will succeed in furnishing the shipping world with the rather curious spectacle of being far better prepared for handling outside freight, and even the products of the United States and the far west, than the products of our own district.

We cannot lay too great stress upon a situation so detrimental to the community in general. The city and every one interested in the matter, as well as both the provincial and federal governments, whose duty it is to protect and help the growing industries of the country, should come to an understanding as to the speedy construction of a road—be it by steam or by electricity—on the right bank of the St. Maurice.

The imports by sea, as before alluded to, not only kept their own, but showed an increased interest by the arrival of nine cargoes of Scotch and English coal, for manufacturing purposes ; with the usual proportion of pig iron and sulphur for foundries and paper mills ; square timber for harbour construction and government booms ; the regularly increasing supply of coal from the maritime provinces for the C.P.R. and minor trade and manufactures, &c., our ocean traffic, more than equalized itself in 1904.

Whereas the main foreign trade thus evidenced such unusual versatility—our transactions with the United States, growing daily firmer, made a most marvellous stride.

No less than 753 canal boats and steam barges arrived last season, against 468 the year before, and 681 in 1899, the best on record. Consequently the season 1904 exceeded by far the shipping interests of previous years.

The greater part of these boats carried pulp wood :—some 55,000 cords of the 82 or 83,000 shipped from the district ; the balance, about 10 million feet lumber. A small proportion only arrived with cargoes :—anthracite coal for local consumption ; iron ore and sand for forges and foundries.

But the freight carried by river craft represents, as we know, only the bulky part of the traffic, the better portion going by rail. The nomenclature of the articles shipped remains the same and varies only as to proportion. Last years exports to the United States, amounted—according to the consular reports, to \$1,154,298, as against \$811,941 in 1903 :—A net gain of \$343,000. The imports, as per local custom returns being \$448,313 (out of a total entry of \$643,997 imports from all foreign countries) we have the very satisfactory amount of \$1,600,000, for direct transactions only with our neighbours. And if we now consider the combined transactions for both the port and district, the result obtained for direct as well as indirect traffic is undoubtedly far superior to any previous year.

In conclusion we may mention the visit to Three Rivers, early in the month of June last—of the 'Royal Commission on Transportation':—A body of leading commercial men of the Dominion, entrusted by the federal government, with the investigation of the condition of the trade, and the task to deliberate and devise as to the best means to develop and further the same, and so solve the great transportation problem now before the country.

4-5 EDWARD VII., A. 1905

Without entering into undue details, suffice it to know, that the honourable gentlemen—for the greater part complete strangers to the place—after most careful examination of all facts submitted, and personal investigation as to the existing conditions; after the inspection of the harbour and some of our leading industrial establishments—left Three Rivers, evidently taken by surprise at what they saw and what they heard, and fully convinced of the bright future in store, both for our port and for the entire section of the country.

We have every reason to believe that, notwithstanding the untimely demise of the lamented president of that honourable commission, Mr. Bertram, of Toronto, the result of their investigation cannot be but most effective for our place.

GEORGE BALCER,
Secretary.

Three Rivers, March 15, 1905.

STATEMENT of Number and Tonnage of Steamers and Sailing Vessels entered inward and outward of the port and out-ports of Three Rivers, for the year 1904.

OCEAN TRAFFIC.

Returned of vessels inward.	No.	Tons.	Return of vessels outward.	No.	Tons.
Total arrivals.			Total departures.		
Steamers.....	75	167,700	Steamers.....	75	167,700

PORT OF THREE RIVERS.

Nationality.			Cleared for, via.		
British and Canadian..	48	126,273	Inland ports.....	40	87,005
Swedish and Norwegian.....	10	14,156	British ports (direct).....	23	61,646
Russian.....	3	3,821			
Dutch.....	1	2,243			
Danish.....	1	2,159			
	63	148,651		63	148,651

LAKE ST. PETER : PIERREVILLE-LOUISEVILLE.

Russia.....	5	6,983	To Great Britain.....	6	9,197
Swed. and Norw.....	2	3,243	Spain.....	2	3,048
British.....	1	2,019			
	8	12,245		8	12,245

OUTPORT BATISCAN.

Swed. and Norw.....	2	3,057	To Great Britain.....		6,804
British.....	2	3,747			
	4	6,804		4	6,804

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STATEMENT of Number and Tonnage of Steamers and Sailing Vessels, &c.—*Concluded.*
UNITED STATES TRAFFIC.

	Number.	Tonnage.
Port of Three Rivers, United States Canal boats.	673	66,335
Outports : " " Steam barges.....	11	2,253
" " Barges.....	69	6,555
	753	75,143

INLAND TRAFFIC.

Bateaux not registered.....	88	
Schooners and barges.....	48	5,124
Tugs and steamboats.....	140	20,304
Total.....	276	25,428
(Enclusive of Richelieu and Ontario Navigation Co. Steamers, local craft and market boats.)		

RECAPITULATION.

Ocean traffic.....	75	167,700
United States traffic.....	753	75,143
Local traffic.....	276	25,428
Grand total.....	1,104	268,341

RECEIPTS and disbursements for the year 1904.

RECEIPTS.	DISBURSEMENTS.
COMMISSIONERS' OFFICE.	ADMINISTRATION.
Tonnage dues.....\$ 355 79	Current Expenses...\$ 487 98
Harbour dues inward : 271 57	Salaries & commission 3,635 61
" " outwards 378 91	Rent..... 200 00
Commutation..... 776 91	Printing & stationery 146 87
Rent of wharf and	Legal expenses..... 28 00
moorage... 574 53	-----\$4,498 46
-----\$2,357,30	
CUSTOM HOUSE.	DISBURSEMENT ON REVENUE.
Tonnage dues.....\$3,523 25	Engineer's office....\$ 126 50
Harbour dues inwards 4,600 86	Repairs and general
" " outwards 2,779 11	harbour expenses. 1,525 31
Moorage 784 19	Repairs Pannetons'
-----\$11,687 41	wharf.. 22 50
	-----\$1,674 31
Total collection..... \$14,044 71	Interest on debentures\$8,126 25
Proceeds from : Adjusted claims. 1,392 47	Sinking fund..... 1,625 00
Sale of debentures.\$11,000 00	-----\$9,751 25
Interest on deposit. 33 09	Total expenses on rev. \$15,924 02
-----\$11,033 09	
Deposit in bank and cash, Jan. 1, 1904.\$10,933 92	DISBURSEMENT ON CAPITAL.
-----\$37,404 19	Acquisition of Panneton's
	wharf.....\$11,027 10
	Stock of lumber..... 1,392 47
	Deposit in bank, Dec. 31, 1904. 9,060 60
	-----\$37,404 19

GEORGE BALCER,
Secretary-Treasurer.

APPENDIX No. 5.

REPORT OF THE HARBOUR COMMISSIONERS OF PICTOU FOR THE
YEAR ENDING DECEMBER 31, 1904.

Pictou, N. S., February 14, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose you Harbour Commissioners account and also
copy of the Collector of Customs account of harbour dues collected for the port of
Pictou.

Yours respectfully,

HENRY G. IVES,
Secretary.

STATEMENT of Harbour Dues account for the year ending December 31, 1904.

1903.	RECEIPTS.	\$ cts.	\$ cts.
Dec. 31...	Balance in Bank of Nova Scotia, Dec. 1903..... (As per last year's statement.)	\$125 00	
1904.	Amount collected at the port of Pictou for the year ending Dec. 31, 1904.....	639 81	764 81
	DISBURSEMENTS.		
1904.	Paid salary of Harbour Master during the year ending Dec. 31, 1904.	300 00	
	Deposited to credit of Harbour Commissioners.....	339 81	
	Balance in Bank of Nova Scotia, Dec. 31, 1904.....	125 00	764 81

R. P. FRASER,
Collector of Customs.

Pictou, N.S.

PICTOU, N.S., December 31, 1904.

The PICTOU HARBOUR COMMISSIONERS, in account with Henry G. Ives, Secretary.

1904.	Dr.	\$	cts.	\$	cts.
Feb. 22..	To E. M. MacDonald's account.....	31	14		
March 22..	Joseph Graham.....	25	00		
" 22..	Commissioners travelling expenses.....	15	00		
April 19..	Mell. McDonald, poles.....	4	40		
May 6..	Painting buoys.....	5	00		
" 16..	Putting out buoys.....	35	00		
" 17..	Bushing West River and clearing channel.....	13	00		
" 26..	Pumping out buoys.....	3	00		
" 30..	Ed. Cameron's account.....	4	35		
June 27..	R. McDonald, boat hire.....	5	00		
" 29..	Painting buoy.....	1	50		
July 2..	J. W. McLean, pumping buoy and bushing.....	3	00		
" 18..	SS. 'Arcadia,' shifting buoys.....	12	00		
" 20..	Wm. McLean, pumping buoy and bushing East River.....	4	00		
August 1..	Work at wharf.....	10	95		
" 6..	Bushing middle river.....	12	00		
Sept. 13..	Survey, estimates, public wharf.....	9	00		
" 27..	Raising and pumping East River buoy.....	8	00		
Nov. 4..	Bushing East River.....	20	00		
" 4..	Lumber New Glasgow wharf.....	3	30		
" 15..	Postages, telephones, &c.....	15	00		
Dec. 17..	Secretary's salary.....	100	00		
" 17..	SS. 'Arcadia' taking in buoys.....	30	00		
" 31..	Deposit receipt.....	2,971	44		
" 31..	" ".....	1,278	55		
" 31..	Balance Bank of Nova Scotia.....	615	01		
				5,234	64
1904.	Cr.				
Jan. 1..	By Balance.....	644	84		
Dec. 31..	Deposit receipt.....	\$2,869	04		
	Interest.....	102	40		
		2,971	44		
" 31..	Deposit receipt.....	\$1,234	52		
		44	03		
		1,278	55		
" 31..	Deposited by Collector of Customs.....	339	81		
				5,234	64
1905.					
Jan. 2..	By Balance in Bank of Nova Scotia.....	615	01		

HENRY G. IVES,
 Secretary.

APPENDIX No. 6.

REPORT OF THE HARBOUR COMMISSIONERS OF NORTH SYDNEY
FOR THE YEAR ENDING DECEMBER 31, 1904.

NORTH SYDNEY, C.B., February 16, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—The Harbour Commissioners for the port of North Sydney beg to hand you herewith a statement of receipts and expenditure for the year ended December 31, 1904. Have also inclosed a report of the vessels that arrived during the year, the coal shipments and iron ore importations.

The harbour was closed by gulf ice from February 3, until April 13, 1904.

Your obedient servant,

WM. HACKETT,
Secretary.

Coal shipments :

	Tons.
Dominion Coal Co., Ltd.....	1,311,456
Nova Scotia Steel & Coal Co., Ltd.....	275,000

Iron ore importations :

Dominion Iron & Steel Co., Ltd., Wabana	219,828
Dominion Iron & Steel Co., Ltd., Spain.....	24,959
Dominion Iron & Steel Co., Ltd., Lake Superior.....	17,456
Dominion Iron & Steel Co., Ltd., Sweden.....	24,849
Nova Scotia Steel & Coal Co., Wabana.....	90,000

Number, tonnage and classification of vessels that arrived during the year ending December 31, 1904.

Navigated by 45,162 men.

	Number.	Tonnage.
Ocean steamers.....	702	910,713
Coasting steamers.....	110	52,113
Ships.....	2	2,714
Barks.....	4	3,719
Barkentines.....	17	3,190
Brigantines	21	3,716
Schooners.....	1,301	91,109
	<hr/> 2,157	<hr/> 1,067,274

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HARBOUR COMMISSIONERS' Statement of Receipts and Expenditure for the year ending,
December 31, 1904.

1904.	Receipts.	\$ cts.	1904.	Expenditure.	\$ cts.
Jan. 1	Amount on hand	1,565 80	July 30	Paid labour, ballast ground.....	27 20
April 30	Received harbour dues.....	86 38	Aug. 6	" "	56 00
May 30	" "	355 84	" 10	R. Musgrave, ironwork	41 47
July 2	" "	440 06	" 13	Labour, ballast wharf.....	64 00
Aug. 1	" "	292 85	" 20	Geo. McInnes, account logs..	100 00
Sept. 1	" "	358 55	" 20	Labour, ballast wharf.....	67 20
Oct. 1	" "	411 59	" 26	Rodk. McDonald, ironwork..	99 86
" 31	" "	434 86	" 27	Labour, ballast wharf.....	20 80
Dec. 31	" "	532 59	" 27	G. McInnis, acct. hardwood..	4 20
			Sept. 1	McInnis Bros., account logs..	38 10
			" 1	<i>Enterprise</i> , printing.....	2 50
			" 1	J. J. Hays, ballast.....	3 00
			" 6	Ron. Johnson, account logs ..	23 64
			" 7	Schr. <i>Britannia</i> , ballast.....	3 75
			" 14	" <i>Nina Pearl</i> "	4 00
			" 14	" <i>Erminie</i> "	3 00
			" 14	" <i>Lena</i> "	6 00
			" 14	" <i>Minna Heakman</i> , ballast	5 00
			" 14	" <i>Venus</i> , ballast.....	1 50
			" 16	Angus McLean, account logs.	18 00
			" 17	N. McSween "	38 40
			" 17	Henry Ball "	12 50
			" 27	Schr. <i>Mignonette</i> , ballast.....	3 50
			" 28	P. Nolan, account logs.....	35 04
			" 29	Schr. <i>Louis Girardin</i> , ballast.	3 60
			" 29	Labour, breakwater.....	21 67
			Oct. 1	Ron. Johnson, account logs..	14 00
			" 4	Schr. <i>Erminie</i> , acct. ballast...	5 25
			" 4	" <i>Britannia</i> "	3 75
			" 8	Labour, breakwater.....	106 50
			" 8	Schr. <i>Lief</i> , ballast.....	5 00
			" 15	Labour, breakwater.....	111 15
			" 19	Ron. Johnson, logs	31 60
			" 21	D. Ferguson, logs.	75 00
			" 21	Captain Sheppard, ballast...	8 00
			" 22	Labour, breakwater.....	128 10
			" 25	Schr. <i>Victoria</i> , ballast.....	4 50
			" 27	" <i>Mignonette</i> , ballast.....	6 00
			" 29	Labour, breakwater.....	124 10
			Nov. 2	D. Ferguson, balance logs....	33 99
			" 5	Labour, breakwater.....	104 10
			" 8	Ron. Johnson, timber.....	10 50
			" 12	Labour, breakwater.....	96 90
			" 24	<i>Amy Louise</i> , ballast.....	8 00
			" 24	Bent and Cahoon.....	17 90
			" 24	J. Nicholson, logs.....	36 00
			" 24	J. McLeod, labour.....	5 00
			" 24	F. Tuck, hire of stage.....	5 00
			Dec. 5	Spikes, J. W. Ingraham.....	0 50
			" 5	Wm. Perry, labour	9 00
			" 5	J. D. McNeil, labour	2 00
			" 5	R. Musgrave, ironwork	121 13
			" 31	M. W. Lawlor.	400 00
			" 31	P. J. McDonald.	400 00
			" 31	Harbour master, J. Shean....	500 00
			" 31	Rent.....	75 00
			" 31	Wm. Hackett.....	500 00
			" 31	Schr. <i>Hazel Dell</i> , ballast....	1 20
			" 31	" <i>Florence McIvor</i> , ballast	5 00
			" 31	Labour on breakwater.....	28 50
			" 31	Joseph McPherson.....	145 64
				Balance.....	646 28
					4,478 52

P. J. McDONALD,
M. WILSON LAWLOR,
WM. HACKETT.

APPENDIX No. 7.

REPORT OF THE HARBOUR COMMISSIONERS OF BELLEVILLE FOR
THE YEAR ENDING DECEMBER 31, 1904.

BELLEVILLE, CANADA, January 6, 1905.

To the Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I beg to inclose the annual statement of the harbour master for year 1904.

Your obedient servant,

DAVID PRICE,
Chairman Harbour Commission.

BELLEVILLE, December 31, 1904.

SIR,—The undersigned harbour master of the city of Belleville, begs to submit the following report for the year 1904.

Navigation opened in Belleville harbour on April 23, and closed on November 28.

Import dues on	15,894	tons coal	\$1,589	40
"	967,291	feet lumber	48	34
"	825,000	shingles	24	75
"	4,608	bundles lath	5	76
"	293	cords hard wood	14	65
"	57	tons salt	5	70
"	1,076½	" merchandise	107	64
"	200	posts	0	75
"	2½	tons cheese	0	25
				<hr/>
				\$1,797 24
				<hr/>
Expenses				4 00
				\$1,793 24
				<hr/>
Export dues on	76,832	logs, &c	\$519	03
"	13,995	bush. wheat	17	50
"	6,047	" barley	7	52
"	2,009	" oats	2	50
"	15	" rye	0	08
"	20	" buckwheat	0	09
"	375	" peas	0	47
"	725	tons cheese	72	50
"	942	" merchandise	94	27
"	220,000	brick	11	00
"	21,000	shingles	0	64
"	24	bundles lath	0	03
				<hr/>
				\$725 63

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Dues collected during the season are as follows :—

Total amount derived from imports	\$1,793 24
“ “ exports	725 63
	<hr/>
	\$2,518 87
Cash on hand	30
	<hr/>
	<u>\$2,518 57</u>

All of which is respectfully submitted.

I have the honour to be, sir,
Your obedient servant,

SYD. VANDERVOORT,
Harbour Master.

APPENDIX No. 8.

REPORT OF THE HARBOUR COMMISSIONERS OF MONTREAL FOR
THE YEAR ENDING DECEMBER 31, 1903.*Commissioners :*

HON. ROBERT MACKAY, President.

JONATHAN HODGSON, Esq. -
R. BICKERDIKE, M. P.
ALPHONSE RACINE, Esq.
EUSTACHE H. LEMAY, Esq.
WILLIAM E. DORAN, Esq.

JAMES COCHRANE, M L.A. (Mayor.)
JAMES CRATHERN, Esq.
JOHN TORRANCE, Esq.
L. E. GEOFFRION, Esq.
ROBERT REFORD, Esq.

DAVID SEATH, Secretary-Treasurer.
JOHN KENNEDY, M. Inst. C.E., Chief Engineer.
JAMES MCSHANE, Harbour Master.
CAPT. T. BOURASSA, Deputy Harbour Master.
ROBERT A. EAKIN, Wharfinger and Paymaster.

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE,

MONTREAL, April 14, 1905.

COL. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to forward herewith, for the information of the Honourable the Minister of Marine and Fisheries, summarized statement of the operations of the corporation, for the year ended December 31, 1903. The statement has been delayed in order to obtain the correct value of the materials in stock by having complete inventories taken, and this has resulted in the discovery of a deficiency of \$80,778.52, from the amounts appearing in the books. This deficiency is the accumulation of several years.

The stock accounts in the books now correspond with the value of the stocks on hand and the difference has been carried to suspense account.

The ordinary revenue was \$354,475.95, an increase of \$27,239.88 over that of the previous year, and the revenue was further increased by \$61,397.79, surplus over cost of real estate sold by the corporation.

The revenue from imports increased \$10,357.65, that from exports \$13,968.23, and that from local wharfages \$1,025.21, while the revenue from other ordinary sources increased \$1,911.36.

The cost of management, maintenance and repairs, apart from expenditure on capital account was \$176,993.16, an increase over that of the previous year of \$61,410.25, occurring principally in the following accounts:—harbour repairs, \$51,987.97; harbour surveys, \$2,183.85; indemnity for accident, \$1,814.90; administrative staff, \$3,050.73. The interest, and annuity of \$600, were \$222,550.71, an increase of \$30,300.07 over the previous year, being for interest on loans received during the year to carry out the works of improvement, including the grain elevator.

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The amount disbursed for harbour works during the year, including \$271,919.61, on account of the grain elevator, was \$1,035,144.22, being the expenditure on capital account, towards which the city of Montreal contributed \$20,033.55.

The sum of \$600,000 was received on loan from the Dominion Government, on account of the \$2,000,000 authorized by the Act 61 Victoria, chapter 47, for harbour improvements, and \$200,000 of the \$1,000,000 authorized by the Act 1 Edward VII, chapter 9, for the erection of the grain elevator and other improvements.

The bonded debt at the end of the year was \$6,122,000, of which \$2,222,000 is due to the public, and \$3,900,000 to the Government, upon which the average rate of interest is 3.72 per cent per annum.

The usual reports for the year of the harbour master, the Montreal decayed pilots fund, and the Montreal pilotage district, have already been transmitted to you, while that of the chief engineer on the works for the improvement and maintenance of the harbour, is transmitted herewith.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
Secretary.

HARBOUR COMMISSIONERS OF MONTREAL.
SUMMARIZED STATEMENT of operations for the year ended December 31, 1903.

Balance and Receipts.	Revenue.	Capital.	Disbursements and Balance.	Revenue.	Capital.
	\$ cts.	\$ cts.		\$ cts.	\$ cts.
Balance from 1902.....	\$204,093 17		Refunds, wharfages inwards and outwards.....	\$ 341 13	
Held for Montreal Decayed Pilots Fund in trust:			Buoys and Beacons.....	23 65	
Harbour Debentures and City Stock.....	\$51,000 00		Annuity.....	600 00	
Deposit City and District			Indemnity for accident.....	1,814 90	
Savings Bank.....	3,772 43		Harbour Surveys.....	2,658 61	
	54,772 43		Premium Employer's Liability.....	3,900 00	
			Electric Lighting of Harbour.....	4,526 25	
			Miscellaneous Expenses, taxes, heating, printing, advertising, travelling, legal, notarial and other expenses ...	11,488 57	
		\$258,865 60	Administrative staff, salaries and fees.....	29,142 52	
			Harbour Repairs, maintenance of wharfs, &c., (see contra for credit) ..	123,256 47	
			Interest.....	221,950 71	67 53
			Harbour of Montreal, establishing boundary ..		6,434 20
			Guard Pier Construction.....		185,014 61
			Windmill Point Wharf, South, (see con. for cre.) ..		145,252 99
			" " Point Basin.....		67,819 19
			Harbour Dredging.....		459 37
			New Pile Wharf, sec. 21.....		7,403 02
			New Cribwork, sec. 23.....		24,922 97
	\$304,574 78		Deep water berth, sec. 27 ..		13,603 71
			Hochelega Construction.....		12,967 40
			Harbour Railway (see contra for credit).....		87,863 37
			Ship Channel in upper part of Harbour ..		40,843 06
			Real estate No. 4, (see contra for credit)....		36,628 82
		1,472 70	" No. 3, " " ..		249 84
		30 00	Elevator Account, Expenditure on elev. & wharf ..		271,919 61
		686 75	Harbour Enlargement, (see contra for credit).....		104,957 86
		5 50	Harbour Enlargement, dredging.....		17,514 06
		16,377 21	Security deposits, refunded.....		8,245 22
		20,033 55	Harbour Dredging Fleet, (see contra for credit)....		1,472 70
		49 50	Pilotage Expenses, " " ..		731 65
		1,608 17	Plant a/c., less amount written off for depreciation		28,322 07
		11,224 76			
Receipts 1903.					
Collector of Customs :					
Wharfage dues on imports....	\$193,784 44				
Wharfage dues on exports.....	110,790 34				
Wharfing, local traffic, &c.....					
Rental harbour tracks and properties.....					
Harbour Repairs, labour and materials.....					
Surplus over cost realized on sale of real estate, Barclay street.....					
Harbour Dredging Fleet, materials sold.....					
Windmill Point Wharf, " ..					
Harbour Railway, " " ..					
Real estate No. 4, Old lumber sold.....					
Real estate No. 3, Property sold.....					
Harbour Enlargement, city of Montreal ..					
Chart Account, Charts sold.....					
Pilotage Expenses, 2% of pilotage dues.....					
Security deposits, from sundry contractors.....					

Montreal Decayed Pilots' Fund :			
5% of pilotage dues.....	\$ 3,745 61		
Interest on invested funds	2,347 09		
Bank of Montreal :			5,497 56
Overdraft repaid on 14th January, 1904.....			
Dominion of Canada under the Act 61 Vic., Chap. 47.....			1,068,190 81
Dominion of Canada, under the Act 1 Edward VII, Chap. 9, Sec. 3.....			399,702 81
Balance and Receipts on Capital Account ..			1,467,893 62
Receipts on Revenue Account.....			80,778 52
			1,548,672 14
Montreal Decayed Pilots' Fund :			
Pensions to old pilots, widows and minors	\$5,472 56		
Audit of fund.....	25 00		
Disbursements on Capital account...			
Disbursements on Revenue account...			
Total disbursements			
Charged to suspense Account :			
Difference in value of materials, &c., on hand between Ledger accounts and inventories.....			
Balance December 31, 1903 :			
Cash	\$1,581 50		
Bank of Montreal coupon account.....	100 00		
Sundry accounts receivable.....	\$ 1,681 50		
Value of materials in stock.....	59,375 40		
Wharfages unpaid at Customs.....	150,263 47		
Discount on debentures 'H' & 'J'	5,322 28		
	17,421 03		
Less interest accrued and coupons outstanding... 109,914 54			
Outstanding acct. rent....	100 00		
	110,014 54		
Montreal Decayed Pilots' Fund :			
Harbour debentures and city stock.....	\$123,989 14		
Deposit, City and District Savings Bank	4,367 57		
	55,367 57		
			179,356 71
			\$1,728,028 85

Certified as per report.

DAVID SEATH,
Secretary-Treasurer.

RIDDELL & COMMON, C.A.,
Auditors.

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REPORT OF THE PILOTAGE DISTRICT OF MONTREAL FOR THE YEAR 1903.

HARBOUR COMMISSIONERS OFFICE OF MONTREAL,
SECRETARY'S OFFICE, MONTREAL, March 1, 1903.

Col. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, as the pilotage authority, to transmit, for the information of the Honourable the Minister of Marine and Fisheries, the following report of the pilotage district of Montreal, for the year ended December 31, 1903.

The accompanying statement gives the names, earnings, &c., of all the pilots for the past season, and shows an increase of \$6,487.65 over that of 1902.

The total amount of pilotage dues was received from the following services, namely :

BRITISH.

Steamships.....	\$58,492 22	
Sailing vessels.....	352 23	
	<hr/>	\$58,844 45

FOREIGN.

Steamships.....	\$17,822 55	
Sailing vessels.....	28 00	
	<hr/>	17,850 55

Total.....		\$76,695 00
------------	--	-------------

Before the opening of the season the selection of pilots for special service was made in conformity with by-laws 108 and 109 of the commissioners, on application being made by the pilots.

On the 13th April, pilots Elzéar Bellisle, Narcisse Perrault and Joseph Pleau, over 65 years of age, were granted a renewal of their license for one year, after having filed medical certificates to the effect that their eyesight was normal, and after being examined under the provisions of by-law 103.

Before the opening of navigation, pilot L. A. Bouillé, 66 years old, having asked to be placed on the pension list, his request was granted, and the pension was paid to him from 1st May. Pilot Liboire Perrault, who was on the pension list since the 1st May, 1901, filed medical certificates to the effect that his health could not permit him to exercise the duties of pilot, and he was placed permanently on the pension list.

Pilot Achille Bélanger, licensed on the 19th May, 1900, and a pensioner on account of ill-health since 1st May, 1902, died on the 25th March last, and pilot Joséphat Sauvageau, licensed on 10th October, 1893, and who had been on the pension list for the last two years on account of ill-health, died on the 18th April last.

Three pilots were granted branches after complying with all the requirements of the by-laws, they are : Damien Paquin, of Deschambault, on the 4th February, 1903 ; J. W. Arthur Gariépy, of St. Alban, on the 20th April, 1903 ; and Albert Gagnon, of Three Rivers, on the 30th November, 1903.

On the 30th December, pilot Elzéar Bellisle, over 65 years of age, was at his request placed on the pension list, from 1st May next.

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This leaves fifty-five pilots on the list, while the number allowed by by-law 99 is seventy-five.

In December an examination of apprentice pilots and applicants was held. One apprentice only presented himself, and his examination was not satisfactory. Seventeen applicants were examined, and licenses were issued to sixteen of them, on 31st December, as per the following list, which gives the names, age, residence and date of license of each apprentice now serving his time:—

LIST OF APPRENTICE PILOTS.

No.	Name.	Age.	Residence.	Date of License.
				1894.
1	Angers, Alfred	26	Ste. Anne de la Pêrade.....	Jan. 30
				1899.
2	Frenette, Oswald.....	28	Portneuf.....	Aug. 16
3	Hamelin, Chas. B.	24	Champlain.....	" 16
4	Perron, Tancrède.....	25	Deschambault.....	" 16
5	Angers, J. B.	23	Ste. Anne de la Pêrade.....	" 16
6	Frenette, Delavoie.....	25	Portneuf.....	" 16
7	Gauthier, Laurent J.....	26	Deschambault.....	" 16
8	Perrault, David, fils.....	23	".....	" 16
9	Hamelin, Fortunat.....	25	".....	" 16
10	Gauthier, Cyriac	23	".....	" 16
11	Royer, Jos., fils	21	88 Fleury St., Quebec.....	" 16
12	Carpentier, Eugène.....	25	Champlain.....	" 16
13	Rivard, Frs. Xavier.....	23	Grondines.....	" 16
14	Mayrand, Joseph	22	Lachevrotière.....	" 16
15	Arcand, Alfred.....	26	Grondines.....	" 16
16	Lachance, Napoléon.....	20	Riv. Lafleur, Isl. Orleans.....	" 16
				1900.
17	Frenette, Geo.....	22	Portneuf.....	Dec. 4
18	Paquin, Emile.....	26	Deschambault.....	" 4
19	Bouillé, Henri	19	".....	" 4
20	Larochelle, Eugène.....	20	St. Michel de Bellechasse.....	" 4
21	Perron, Théodore.....	20	Deschambault.....	" 4
22	Arcand, Arthur.....	19	Champlain	" 4
23	Rousseau, Oscar.....	26	St. Michel de Bellechasse.....	" 4
24	Dussault, Bona.....	21	St. Alban	" 4
25	Paquin, Côme	21	Deschambault	" 4
26	Labranche, Chs. Ed.....	20	Portneuf	" 4
27	Arcand, Jos. Arthur.....	20	Champlain.....	" 4
28	Boudreau, Anthime.....	20	Deschambault	" 4
29	Gariépy, Laurent.....	18	".....	" 4
				1901.
30	Baribeau, Hormisdas.....	19	Deschambault.....	" 18
31	Bernier, J. Alphonse.....	19	280 rue de la Reine, Quebec.....	" 18
				1903.
32	Brière, Jules.....	17	Portneuf.....	" 31
33	De Villers, Napoléon.....	17	Lotbinière	" 31
34	Marchand, Armand.....	17	Three Rivers	" 31
35	Gosselin, Achille.....	18	Deschambault.....	" 31
36	Paquette, Donat.....	19	Grondines.....	" 31
37	Lacroix, Edmond.....	18	Contrecoeur.....	" 31
38	Hamelin, Wilfrid.....	18	Grondines.....	" 31
39	DeLachevrotière, Philip.....	16	Lotbinière.....	" 31
40	Houde, Thomas.....	18	St. Antoine de Tilly.....	" 31
41	Legendre, Ludger.....	21	".....	" 31
42	Frenette, Emile.....	20	Portneuf.....	" 31
43	Tessier, Philippe	16	Ste. Anne de la Pêrade.....	" 31
44	Marchand, Cyprien.....	17	Champlain.....	" 31
45	Dussault, Louis.....	18	Deschambault.....	" 31
46	Lacouture, Ludovic.....	21	Montreal.....	" 31
47	Naud, Emilien.....	17	Deschambault.....	" 31

There are seven applicants to be placed on the list of apprentice pilots, of whom Messrs. Jean Perrault and Emile Rodrigue have passed their examination, but have not yet taken their license.

LIST OF APPLICANTS TO BE PLACED ON THE LIST OF APPENTICE PILOTS.

No.	Name.	Residence.	Date of application.
1	*Rodrigue, Emile.....	Deschambault.....	Jan. 30, 1900
2	†Perrault, Jean.....	Deschambault.....	May 25, 1897
3	Thibaudeau, A. Emile.....	Portneuf.....	Jan. 7, 1901
4	Belisle, N. Oscar.....	Deschambault.....	Jan. 28, 1901
5	Dussault, Laurent.....	Deschambault.....	March 2, 1901
6	Simard, J. P. Geo. H.....	Saint-Mich de Bellechasse.....	March 6, 1901
7	Arcand, Jos. Arthur.....	Deschambault.....	Aug. 31, 1902

* Passed examination on December 4, 1900. † Passed examination on December 18, 1901.

The amounts received and expended by the Harbour Commissioners, as pilotage authority for the district, apart from their receipts and disbursements, in trust for the Montreal Decayed Pilots' Fund, were as follows :

RECEIVED.	\$ cts.	\$ cts.
Balance from 1902.....	563 83	
From D. Paquet, fee of license as pilot.....	10 00	
J. A. W. Gariépy, fee of license as pilot.....	10 00	
A Gagnon, " ".....	10 00	
Fees on sixteen licenses of apprentice pilots.....	80 00	
Pilots, 2 p.c. of pilotage dues on sundry vessels.....	9 65	
Collector of Customs, Montreal, 2 p.c. of pilotage dues on vessels to and from Montreal.....	1,448 06	
Collector of Customs, Three Rivers, 2 p.c. of pilotage dues on vessels to and from Three Rivers.....	30 64	
Collector of Customs, Sorel, 2 p.c. of pilotage dues on vessels to and from Sorel.....	9 71	
Total.....		2,171 89
EXPENDED.		
By Herald Publishing Co., printing and stationery.....	11 50	
Dominion Express Co., parcel to Quebec.....	0 35	
Geoffrion, Geoffrion & Cusson, professional services.....	47 00	
Pilots, attending examination of apprentice pilots.....	72 50	
Contribution towards the expenses of the Pilotage Office, Quebec.....	600 00	
Rent of Pilotage Office, Quebec, to April 30, 1904.....	50 00	
Total.....		781 35

The above statement shows that the receipts for the year exceeded the expenditure by \$826.41, and with the balance brought forward from 1902, leaves a surplus of receipts over expenditure of \$1,390.24.

The mishaps during the year, which were few, were investigated by order of the Honourable the Minister of Marine and Fisheries, as provided by the Act 63-64 Victoria, chap. 36, ' An Act to amend the Pilotage Act.' season

The water in the channel kept at a very satisfactory depth throughout the , and a list of vessels which passed down during the latter part of the season, drawing twenty-six feet and over, with the relative depth in the channel on the day of passage as indicated by the government gauge at Sorel, is as follows :—

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STATEMENT showing draft of steamships for part of season 1903 drawing twenty-six feet and over.

Date.	Steamers.	Draft when stationary in Harbour by Pilots Report.		Depth of Water in Channel by Sorel Gauge.	
		Ft.	In.	Ft.	In.
Aug. 8....	SS. Monteagle.....	26	..	28	6
" 9....	" Pomeranian.....	26	..	28	8
" 16....	" Montreal.....	28	..	28	7
" 22....	" Mont Royal.....	27	6	28	8
" 22....	" Montfort.....	26	..	28	8
" 22....	" Hurona.....	26	3	28	8
" 29....	" Kildona.....	26	..	28	6
Sept. 5....	" Iona.....	26	6	27	9
" 10....	" Montezuma.....	26	6	27	10
" 12....	" Fremona.....	26	3	27	9
" 26....	" Monarch.....	26	..	28	..
Oct. 3....	" Hurona.....	26	..	27	5
" 11....	" Montrose.....	26	..	28	11
" 10....	" Mount Royal.....	26	..	28	8
" 17....	" Kensington.....	26	9	28	5
" 17....	" Iona.....	26	8	28	5
" 24....	" Turcoman.....	26	..	28	11
Nov. 13....	" Lake Manitoba.....	26	..	27	2
" 14....	" Roman.....	26	7	27	..

The semaphores at St. Nicholas and at Cap à la Roche were worked throughout the season, and for the information of pilots the depths of water which were received daily by telegram were posted in the Pilotage Office here.

The usual edition of the tide-tables, the data for which were furnished by your department, was published by the commissioners and distributed to the pilots and to the shipping firms for the use of the vessels.

I have the honour to be, sir,
Your obedient servant,

DAVID SEATH,
Secretary.

REPORT AND STATEMENTS OF THE MONTREAL DECAYED PILOTS' FUND FOR THE YEAR 1903.

HARBOUR COMMISSIONERS OF MONTREAL,
SECRETARY'S OFFICE,
MONTREAL, February 11, 1904.

COL. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour, by direction of the Harbour Commissioners of Montreal, to transmit you herewith, for the information of the Honourable the Minister of the Marine and Fisheries, the usual statements (1) receipts and disbursements of the Montreal Decayed Pilots Fund for the year ended December 31, 1903, and (2) assets of the Fund at December 31, 1903.

The following is an abstract of the former :—

RECEIPTS.				\$	cts.	\$	cts.
5 p. c. of Pilotage dues collected at	Montreal	.....		3,620	54		
"	"	Three Rivers and Batiscan ..	.....	76	62		
"	"	Sorel. ....	.....	24	27		
"	"	payable on war vessels.....	.....	14	25		
"	"	sundry vessels.....	.....	9	92		
Interest on investments and deposit in Bank						3,745	61
						2,347	09
Total						6,092	70
DISBURSEMENTS.							
Pensions to old pilots and widows of pilots and minors.....						5,472	56
Audit of the fund for 1902.						25	00
Total.....						5,497	56

showing a gain for the year of \$595.14.

The above statement shows that the receipts were sufficient to meet the expenditure. This was due to the fact that the amount of the pension to old pilots was reduced from \$360 to \$300.

Pilot L. A. Bouillé, 66 years old, having asked to be placed on the pension list, his request was granted, and the pension was paid to him from the 1st May last.

Before the opening of navigation, pilot Liboire Perrault, who was on the pension list since the 1st May, 1901, filed medical certificates to the effect that his health could not permit him to exercise the duties of pilot, and he was placed permanently on the pension list.

Pilot Achille Bélanger, who had been placed on the pension list for one year on the 1st May last, died on the 25th March, and as is customary, the pension for the current quarter was paid to his testamentary executor and universal legatee.

Pilot Josephat Sauvageau, died on the 18th April, and his widow was placed on the pension list from 1st May. She died on the 9th June, and their minor children were placed on the list from that date, and the pension is paid to their duly appointed tutor.

At the close of the year there were twenty-five pensicners, twelve old pilots, eleven widows, and the minors of two pilots.

I have the honor to be, sir,
Your obedient servant,

DAVID SEATH,
Secretary

1903.		\$	cts.	1903.		\$	cts.
Jan. 2..	To balance from December, 1902			Fb. 1..	By pensions paid to the following for the three months ended January 31--		
" 31..	City of Montreal, 6 months, interest to January 1, on \$5,000 of 5 p.c. Montreal City Stock		3,772 43		Heirs Louis Bellisle		37 33
" 31..	Montréal Harbour coupons, due January 5, 1903 : Series R Nos. 20 and 102= 2 x \$15 00= \$ 30 00 " R " 42 & 117-119= 4 x 30 00= 120 00 " R " 84 " 1 x 60 00= 60 00 " D " 21 and 45-49= 6 x 25 00= 150 00 " F " 164-172 " 9 x 20 00= 180 00 " G " 289 and 290 " 2 x 20 00= 40 00 " H " 64-65, 139-142= 6 x 20 00= 120 00 " J " 231-246 " 16 x 20 00= 320 00		125 00		Widow L. D. Bouille		29 33
	Collector of Customs, Montréal, $\frac{2}{3}$ Trinity Dues, collected in May				" A. Dufresne		37 33
May, 30..	Collector of Customs, Montréal, $\frac{2}{3}$ Trinity Dues, collected in June		1,020 00		" V. Gagnon		37 33
June, 30..	Pilot W. Raymond, 5 p.c. pilotage dues ss. S. N. <i>Parant</i> , Montréal to Québec, 13 feet draft.		390 27		" A. Gauthier		32 00
" 30..	City of Montreal, six months' interest to July 1, on \$5,000 of 5 p.c. Montreal City stock		547 55		" J. O. Hamelin		37 33
July, 28..	Collector of Customs, Montréal, $\frac{2}{3}$ Trinity Dues, collected in July		1 60		" J. Léveillé		37 33
" 31..	Pilot J. W. Gariépy, 5 p.c. pilotage dues, tug <i>Peter Smith</i> , Québec to Montréal.		125 00		" A. Lisé		37 33
Aug. 12..	Pilot Geo. Arcand, 5 p. c. pilotage dues, warship <i>Gazelle</i> , Québec to Montréal and return, 18 feet 6 inches draft		690 90		" D. Mathieu		32 00
" 19..	Pilot D. Paquet, 5 p.c. pilotagedues, yacht <i>Sunbeam</i> , Québec to Montréal, 13 feet 6 inches draft		71		" E. Nault		32 00
" 24..	Collector of Customs, Montréal, $\frac{2}{3}$ Trinity Dues, collected in August		4 65		" J. Nault		37 33
" 31..	City and District Savings Bank, interest on deposit		1 68		" J. Toupin		32 00
" 31..	Montréal Harbour Coupons, due July 5, 1903 : Series R Nos. 20 and 102= 2 x \$15 00= \$ 30 00 " R " 42 and 117-119= 4 x 30 00= 120 00 " R " 84 " 1 x 60 00= 60 00 " D " 21 and 45-49 " 6 x 25 00= 150 00 " F " 164-172 " 9 x 20 00= 180 00 " G " 289 and 290 " 2 x 20 00= 40 00 " H " 64-65, 139-142 " 6 x 20 00= 120 00 " J " 231-246 " 16 x 20 00= 320 00		510 18	May 1..	By pensions paid to the following for three months ended April 30 --		
			41 38		Heirs Louis Bellisle		37 33
					Widow, L. D. Bouille		29 33
					" A. Dufresne		37 33
					" V. Gagnon		37 33
					" A. Gauthier		32 00
					" J. O. Hamelin		37 33
					" J. Léveillé		37 33
					" A. Lisé		37 33
					" D. Mathieu		32 00
					" E. Nault		32 00
					" J. Nault		37 33
					" J. Toupin		32 00
					Old Pilot, J. Arcand		75 00
					" C. Bellisle		75 00

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Widow L. D. Bouillé.....	29 33		
" A. Dufresne.....	37 33		
" V. Gagnon.....	37 33		
" A. Gauthier.....	32 00		
" J. O. Hamelin.....	37 33		
" J. Léveillé.....	37 33		
" A. Lisé.....	37 33		
" D. Mathieu.....	32 00		
" E. Naud.....	32 00		
" J. Nault.....	32 00		
" J. Toupin.....	32 00		
Heirs J. Sauvageau.....	29 33		
Old Pilot, J. Arcand.....	75 00		
" C. Bellisle.....	75 00		
" Z. Bouillé.....	75 00		
" L. A. Bouillé.....	75 00		
" P. Bélanger.....	75 00		
" F. Desjordy.....	75 00		
" P. Gagnon.....	75 00		
" L. Mayrand.....	75 00		
" A. Naud.....	75 00		
" D. Perrault.....	75 00		
" L. Perrault.....	75 00		
" T. Toupin.....	75 00		
Riddell & Cameron, audit of fund for 1902.....	25 00		
Balance to January 1901.....	4,367 57		
Total.....	9,865 13		

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STATEMENT showing the number of Branch Pilots for and above the Harbour of
and whether employed on Special

Number.	Names.	Age.	Residence.	Date of branch.	Remarks.
1	Naud, Onésime.....	61	Deschambault.....	Mar. 16, 1870	
2	Chandonnet, Joseph.....	62	Lévis.....	Aug. 2, 1870	
3	Beaudet, Prudent.....	62	89 Massue St., Que.....	Oct. 10, 1870	
4	Bellisle, Elzéar.....	69	Deschambault.....	"	
5	Pleau, Joseph.....	66	St. Anne de la Pérade.....	"	
6	Brunet, Célestin.....	59	112 Desery St., Montreal.....	Feb. 28, 1872	
7	Groleau, Ulric.....	55	Grondines.....	Oct. 30, 1872	
8	Frenette, Alfred.....	64	Portneuf.....	"	
9	St. Amant, Alfred.....	59	Deschambault.....	"	Treasurer Pilots Comm...
10	Perrault, Narcisse.....	66	".....	Apr. 9, 1874	
11	Auger, Cléophas.....	57	Point Lévis.....	Sept. 22, 1874	Member Pilots Comm...
12	Labranche, Ferd.....	56	Portneuf.....	Apr. 8, 1875	
13	Bouillé, Louis Z.....	53	Deschambault.....	Jan. 16, 1878	
14	Gauthier, Laurent.....	52	".....	Dec. 10, 1879	
15	Nault, Delavoie.....	50	".....	"	President Pilots Comm...
16	Gauthier, Wilbrod.....	49	".....	"	
17	Dufresne, George.....	54	".....	Dec. 10, 1880	Member Pilots Comm...
18	Arcand, Norbert.....	50	Champlain.....	"	
19	Bouillé, Tancrede.....	49	Deschambault.....	Dec. 11, 1880	
20	Arcand, Nestor.....	47	".....	Feb. 20, 1884	
21	Dussault, Joseph.....	47	".....	"	
22	Groleau, Gédéon.....	51	Grondines.....	May 20, 1887	
23	Bellisle, Néré.....	52	Deschambault.....	"	
24	Raymond, Wilfrid.....	48	".....	Apr. 20, 1888	
25	Hurteau, Joseph.....	42	790 St. André St., Montreal.....	Mar. 29, 1889	
26	Perreault, Edouard.....	53	Deschambault.....	"	
27	Bouillé, C. Lydoric.....	46	".....	"	
28	Dussault, Honoré.....	50	Ste.-Petronille.....	July 16, 1889	
29	Brière, Arthur.....	46	Portneuf.....	Apr. 28, 1891	
30	Labranche, J. Sifroi.....	49	378 Lagauchetière St., Mont.....	"	
31	Perrault, Alexis.....	40	Deschambault.....	"	
32	Dufresne, N. Côme.....	42	".....	June 23, 1891	
33	Nadeau, Jean B.....	44	Lévis.....	Apr. 11, 1893	
34	Naud, Aubert.....	50	Deschambault.....	July 11, 1893	
35	Dussault, Napoléon.....	41	".....	Apr. 3, 1894	Member Pilots Comm...
36	Arcand, Barthélemi.....	41	".....	"	
37	Bellisle, Prudent.....	40	".....	"	
38	Arcand, George.....	39	".....	"	
39	Toupin, Constant.....	37	Three Rivers.....	"	
40	Perreault, George.....	38	Deschambault.....	Sept. 11, 1894	Secretary Pilots Comm...
41	Bouillé, Narcisse.....	44	".....	Oct. 9, 1894	
42	Léveillé, Joseph.....	40	Batiscan.....	June 18, 1895	
43	Perron, Sévère.....	45	993 St. André St., Montreal.....	Apr. 14, 1896	
44	Angers, Albéric.....	29	St. Anne de la Pérade.....	Mar. 15, 1898	
45	Bellisle, Arthur.....	41	Deschambault.....	Sep. 20, 1898	
46	Hamelin, G. Théo.....	29	Grondines.....	"	
47	Bellisle, Cyrille.....	35	Deschambault.....	"	
48	Perreault, Anthyme.....	35	".....	May 1, 1900	
49	Raymond, J. N.....	34	".....	Oct. 2, 1900	
50	Bourassa, J. Henri.....	26	".....	Apr. 16, 1901	
51	Pleau, Jos. Ed.....	33	St. Anne de la Pérade.....	July 25, 1901	
52	Labranche, Melville.....	29	Portneuf.....	June 23, 1902	
53	Paquin, A.....	31	Deschambault.....	"	
54	Paquet, Damien.....	29	Grondines.....	Feb. 4, 1903	
55	Garriepy, J. Arthur.....	24	Deschambault.....	Apr. 20, 1903	

HARBOUR COMMISSIONERS' OFFICES,
MONTREAL, December 31, 1903.

SESSIONAL PAPER No. 23

Quebec during the year 1903, their Age, Residence, Number of Pilotages, Earnings, Service or Tour-de-Rôle.

No. of Ships to Montreal.		No. of Ships to intermediate Ports.		Total No. of Ships.	Earnings to Montreal.	Earnings to intermediate Ports.	Total Earnings.	Employed on Special Service or Tour-de-Rôle.
In.	Out.	In.	Out.					
14	16	.....	1	31	\$ 1,742 02	\$ 48 13	\$ 1,790 15	Dominion Line.
15	15	.....	.....	30	1,667 07	.....	1,667 07	The C. P. R. SS. Co.
12	10	.....	.....	22	1,151 62	.....	1,151 62	German Line.
16	16	...	.....	32	980 51	.....	980 51	Quebec SS. Co.
17	15	.....	.....	32	1,141 84	.....	1,141 84	Hy. Dobell & Co.
18	18	1	1	38	1,715 99	51 05	1,767 04	Dominion Coal Co.
6	6	1	2	15	494 38	82 75	577 13	Tour-de-Rôle.
.....	.....	1	1	2	.....	69 13	69 13	"
7	6	.....	2	5	526 85	46 63	573 48	"
17	18	.....	.....	35	1,957 90	.....	1,957 90	Donaldson Line.
21	17	.....	.....	38	2,047 34	.....	2,047 14	"
15	15	.....	1	31	1,673 65	41 13	1,714 78	The C.P.R. SS. Co.
15	17	.....	3	35	1,865 11	129 15	1,994 62	"
17	15	.....	.....	32	1,876 53	.....	1,876 53	Allan Line.
20	20	.....	.....	40	1,845 58	.....	1,845 58	Dominion Coal Co.
16	18	...	.....	34	1,978 23	.....	1,978 23	Allan Line.
7	8	1	3	19	572 33	124 10	696 43	Tour-de-Rôle.
20	20	.....	.....	40	1,766 94	.....	1,766 94	Dominion Coal Co.
16	16	.....	.....	32	1,786 38	.....	1,786 38	Allan Line.
18	18	.....	.....	36	1,622 05	.....	1,622 05	Dominion Coal Co.
19	19	.....	.....	38	1,777 89	.....	1,777 89	"
8	6	1	2	17	546 82	86 23	633 05	Tour-de-Rôle.
7	8	.....	2	17	592 32	54 63	646 95	"
17	18	.....	.....	35	1,870 54	.....	1,870 54	Thomson Line.
16	17	.....	.....	33	1,688 44	.....	1,688 44	Allan Line.
11	14	.....	.....	25	1,348 72	.....	1,349 72	Manchester Line.
16	14	.....	3	33	1,612 60	127 82	1,740 42	The C.P.R., SS. Co.
13	10	.....	.....	23	1,280 42	.....	1,280 42	Manchester Line.
14	16	.....	4	34	1,448 10	146 50	1,594 60	Head Line.
8	10	2	1	21	668 98	99 65	768 63	Tour-de-Rôle.
16	15	.....	.....	31	1,757 23	.....	1,757 23	Leyland Line.
17	14	.....	1	32	1,399 29	36 35	1,435 64	Dominion Line.
6	2	1	1	10	330 62	66 57	397 19	Tour-de-Rôle.
16	16	.....	1	33	1,687 41	39 70	1,727 11	Allan Line.
16	16	.....	.....	32	1,761 78	.....	1,761 78	Lord Line.
22	20	.....	.....	42	1,573 02	.....	1,573 02	Intercolonial Coal Co.
19	19	.....	.....	38	1,782 42	.....	1,782 42	Dominion Coal Co.
8	10	.....	.....	18	1,012 72	.....	1,012 72	Dominion Line & Tour-de-Rôle.
13	13	1	5	32	1,057 72	194 58	1,252 30	Dominion Coal Co.
13	14	.....	1	28	1,557 35	35 88	1,593 23	Leyland Line.
15	15	.....	.....	30	1,798 26	.....	1,798 26	The C.P.R. SS. Co.
17	17	1	2	37	1,847 23	97 13	1,944 36	Thomson Line.
18	18	1	1	38	1,632 42	49 88	1,682 30	Dominion Coal Co.
17	15	.....	6	38	1,510 46	210 36	1,720 82	Head Line.
11	14	.....	3	28	861 02	62 13	923 15	Hy. Dobell & Co.
18	18	1	2	39	1,637 21	93 75	1,730 96	Dominion Coal Co.
13	14	..	3	31	1,337 08	138 45	1,475 53	Furness, Withy Co.
9	11	.....	4	23	1,029 73	96 75	1,126 48	Canadian Ocean & Inland Co.
8	8	2	3	22	617 15	185 72	802 87	Tour-de-Rôle.
19	19	.....	.....	38	1,765 38	.....	1,765 38	Dominion Coal Co.
8	7	.....	.....	15	626 21	.....	626 21	Tour-do-Rôle.
8	10	....	4	22	611 56	126 61	738 17	French Line.
26	18	10	6	60	1,727 27	489 10	2,216 37	F. A. Routh & Co.
8	5	1	3	17	566 66	76 70	643 36	Tour-de-Rôle.
6	9	2	7	24	567 57	286 36	853 93	"
					73,301 72	3,393 28	76,695 00	

DAVID SEATH,

Secretary.

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DAVID SEATH, Treasurer, in Account with the Montreal Decayed Pilot Fund.

STATEMENT OF THE FUND.

Nos.	Series.		\$	cts.
		Montreal harbour debentures—		
20 and 102	R	Due July 5, 1906, interest at 6 per cent, 2 × \$ 500.....	1,000	00
42 and 117-119	R	" 5, 1906, " 6 " 4 × 1,000.....	4,000	00
84	R	" 5, 1906, " 6 " 1 × 2,000.....	2,000	00
21 and 45-49	D	" 5, 1915, " 5 " 6 × 1,000.....	6,000	00
164-172	F	" 5, 1917, " 4 " 9 × 1,000.....	9,000	00
289-290	G	" 5, 1918, " 4 " 2 × 1,000.....	2,000	00
64-65	H	" 5, 1921, " 4 " 2 × 1,000.....	2,000	00
139-142	H	" 5, 1921, " 4 " 4 × 1,000.....	4,000	00
231-246	J	" Jan. 5, 1924, " 4 " 16 × 1,000.....	16,000	00
		City of Montreal consolidated fund—		
165		Due July 1, 1910, interest at 5 per cent, 50 × \$100.....	5,000	00
		Cash in Montreal City and District Savings Bank at 3 per cent	4,367	57
		Total.....	55,367	57

DAVID SEATH,
Treasurer.

MONTREAL, December 31, 1903.

We hereby certify that we have examined the entire entries for the year 1903, as recorded in the preceding pages, and have found them to agree with the vouchers on file ; also that debentures and certificates to the amount of \$55,367.57, as described in statement on opposite page, have this day been submitted for our inspection.

RIDDELL & COMMON, C.A.,
Auditors.

MONTREAL, January 19, 1904.

REPORT OF THE HARBOUR MASTER OF THE PORT OF MONTREAL
FOR THE YEAR 1903.

HARBOUR MASTER'S OFFICE,
MONTREAL, December 31, 1903.

DAVID SEATH, Esq.,
Secretary Harbour Commissioners,
Montreal.

SIR,—I beg to submit for the information of the Harbour Commissioners of Montreal, the following as my annual report for the year ended December 31, 1903.

Appended thereto will be found seven comparative statements showing respectively for the past ten year :

1. The number, tonnage and classification of sea-going vessels that arrived in port ;
2. Those that arrived from the maritime provinces ;
3. Number and tonnage of inland vessels ;
4. The dates of the opening and closing of navigation, &c. ;
5. The number and tonnage belonging to the different nationalities ;
6. The number and tonnage of vessels consigned to the different agents ;
7. Number and tonnage of sea-going and inland vessels.

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From these statements it will be seen that 802 sea-going vessels arrived in port during the past season, with a tonnage of 1,890,904 tons, an increase of 44 vessels and 349,632 tons over the previous year.

Of these vessels 777 were built of iron and steel, with a tonnage of 1,885,398 tons ; and 25 were built of wood, with a tonnage of 5,506 tons.

Of inland vessels there arrived 15,338, with a tonnage of 2,415,791 tons, an increase of 5,943 vessels, and a tonnage of 530,541 tons, making a grand total of vessels of all classes of 16,140 vessels, and a tonnage of 4,306,695 tons, an increase of 5,987 vessels of all classes, and 880,173 tons, over the previous year.

Some of the principal items of exports and imports (as obtained from the best sources of information) were :—

EXPORTS.

LUMBER.—To the United Kingdom and continental ports.

1903.	1902.
231,228,695 feet.	240,472,113 feet, a decrease of 9,243,418 feet.

LUMBER.—To the River Plate.

1903.	1902.
No shipment.	353,492 feet.

	1903.		1902.
Grain.—Wheat,	15,960,024 bushels.		16,888,505 bushels.
Corn,	6,811,590 "		239,792 "
Peas,	263,045 "		413,885 "
Oats,	1,061,238 "		1,931,636 "
Barley,	320,513 "		262,958 "
Rye,	592,535 "		878,409 "
Flaxseed,	115,569 "		330,399 "
Buckwheat,	50,629 "		163,677 "
Total,	25,175,143 "		21,109,261 "

Showing an increase of 4,065,882 bushels.

	1903.	1902.		
Flour	1,050,654 barrels.	659,395 barrels	increase	391,259 barrels.
Meal	73,344 "	24,811 "	"	48,533 "
Eggs	152,284 cases.	158,310 cases	decrease	6,026 cases.
Cheese	2,389,219 boxes.	2,112,662 boxes	increase	276,557 boxes.
Butter	344,804 "	539,553 "	decrease	194,749 "
Apples	781,092 barrels.	508,890 barrels	increase	272,202 barrels.
Cattle	147,201 head.	77,193 head	"	70,008 head.
Sheep	61,017 "	45,831 "	"	15,186 "
Horses	373 "	549 "	decrease	176 "

IMPORTS.

	1903.	1902.		
Coal from Great Britain	97,661 tons.	85,136 tons	increase	12,525 tons.
" United States	325,198 "	90,472 "	"	234,726 "
" Maritime Prov.	1,061,287 "	1,082,040 "	decrease	20,753 "
Total	1,484,146 "	1,257,648 "	increase	226,498 "

Of the above quantities there were discharged :

	1903.	1902.		
In the Harbour	1,373,459 tons.	1,166,618 tons.		
In the Canal	91,030 "	110,687 "		
Cement	550,226 brls.	256,081 brls.	Increase	294,145 brls.
Scrap Iron	67,540 tons.	76,394 tons.	Decrease	8,854 tons.

NOTES.

As will be seen from the foregoing figures there has been an increase of 44 sea-going vessels and 349,632 tons, and an increase of 5,943 tons, making a total increase of 5,987 vessels of all classes, and 880,173 tons over the previous year.

During the season the port was visited by the following warships, namely : *Gazelle*, arrived August 10, and sailed August 16, German Government ; *Le Troude*, arrived September 5, and sailed September 11, French Government, and the H. M. S. *Retribution*, arrived September 7, and sailed September 14, British Government.

During the past season the traffic was without doubt the largest in the history of the port, although there was a very serious strike in the early part of the season which prevented the large ocean steamers which came into the port from being discharged and loaded with their usual dispatch, many of them being detained a week extra.

Notwithstanding the inconveniences which occurred then, our Merchants, Railways, and Cartage Companies, did all in their power to relieve the congestion and assisted me to a great extent out of this trouble.

The whole most respectfully submitted.

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number, Tonnage and Classification of Sea-going Vessels that arrived in Port, the past ten years, with the dates of the greatest number in Port at one time.

Years.	Steamships.	Tonnage.	Ships.	Tonnage.	Barques.	Tonnage.	Brigts.	Tonnage.	Brigs.	Tonnage.	Schooners.	Tonnage.	Total No. of Vessels.	Total Tonnage.	Number in Port.
1894.....	684	1,079,313	3	4,341	14	9,609	..	..	5	901	28	2,762	734	1,096,909	32, May 23
1895.....	592	1,055,611	1	1,545	9	7,714	..	..	7	1,689	31	2,827	640	1,069,386	25, June 18
1896.....	669	1,200,543	5	7,350	6	4,003	..	..	9	2,052	20	2,520	709	1,216,468	37, July 29
1897.....	752	1,368,395	..	..	8	3,958	..	..	7	1,745	29	4,904	796	1,379,002	40, " 28
1898.....	830	1,567,436	2	3,023	12	10,031	..	..	5	1,478	19	2,104	868	1,584,072	42, August 1
1899.....	773	1,509,668	..	..	7	3,530	..	..	3	1,048	18	3,365	801	1,517,611	39, July 29
1900.....	692	1,382,675	..	..	2	891	..	..	4	875	28	9,415	726	1,393,886	27, June 28
1901.....	707	1,438,081	..	..	4	2,240	..	..	..	..	31	12,727	742	1,453,048	25, July 8
1902.....	729	1,531,891	..	..	9	4,427	..	..	..	..	20	4,954	758	1,541,272	29, October 9
1903.....	779	1,882,295	1	1,543	2	1,388	..	..	..	..	20	5,678	802	1,890,904	35, June 8

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number and Tonnage and Classification of Sea-going Vessels that arrived in Port from the Maritime Provinces, the past ten years.

Years.	Steamships.	Tonnage.	Ships.	Tonnage.	Barques.	Tonnage.	Brigts.	Tonnage.	Brigs.	Tonnage.	Schooners.	Tonnage.	Total No. of Vessels.	Total Tonnage.
1894.....	349	362,945	..	..	3	2,323	..	..	4	609	23	2,230	379	362,107
1895.....	256	296,256	..	..	..	..	..	..	5	1,070	30	2,734	291	300,060
1896.....	252	292,880	..	..	1	178	..	..	4	734	15	1,188	272	294,981
1897.....	298	364,936	..	..	..	..	..	..	2	376	31	1,051	311	366,363
1898.....	327	372,274	..	..	..	..	..	..	..	..	14	1,397	341	373,671
1899.....	336	415,825	..	..	..	..	..	..	..	..	7	646	343	416,471
1900.....	279	352,002	..	..	..	..	..	..	1	169	15	2,564	295	354,735
1901.....	282	434,140	..	..	1	999	..	..	..	..	10	991	293	436,130
1902.....	311	466,671	..	..	..	..	..	..	..	..	11	2,063	322	468,734
1903.....	303	468,100	..	..	..	..	..	..	..	..	15	4,648	318	472,748

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number and Tonnage of Inland Vessels that arrived in Port, the past ten years, with the greatest number in Port at one time.

Years.	Number of Vessels.	Tonnage.	Greatest Number in Port at one time.
1894.....	4,666	979,809	158, May 20
1895.....	4,498	943,717	172, July 20
1896.....	4,832	1,004,117	165, June 11
1897.....	6,384	1,134,346	160, July 30
1898.....	6,941	1,807,892	200, Aug. 12
1899.....	8,877	1,899,097	216, July 28
1900.....	8,347	1,669,494	219, June 20
1901.....	8,450	1,683,186	167, June 28
1902.....	9,395	1,885,250	209, July 23
1903.....	15,338	2,415,791	225, June 26

JAMES McSHANE
Harbour Master.

PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the dates of the Opening and Closing of Navigation, first arrival from sea, and the last departure for sea, the past ten years.

Years	Opening of Navigation.		Closing of Navigation.		First Arrival from Sea.		Last Departure for Sea.	
1894.	April	12...	Dec.	26 ..	April	27...	Nov.	24
1895.	"	20...	"	6...	"	27...	"	25
1896.	"	22...	"	19...	"	28...	"	23
1897.	"	17...	"	19...	"	30...	"	24
1898.	Mar.	31...	"	12...	"	26...	"	28
1899.	April	24...	"	30...	"	27...	"	29
1900.	"	21...	"	10...	"	26...	Dec.	3
1901.	"	21...	"	10...	"	25...	Nov.	25
1902.	"	3...	"	4...	"	17...	Dec.	4
1903.	"	2...	"	10...	"	26...	Nov.	28

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

STATEMENT showing the Nationality, and Tonnage of Sea-going Vessels, that arrived in Port during the season of 1903, that were navigated by 38,016 Seamen.

Nationality.	Number of Vessels.	Tonnage.
British.....	579	1,516,617
Norwegian.....	171	290,217
German..	12	25,611
Swedish.....	8	22,857
Danish.....	9	14,972
Russian.....	9	12,733
American.....	12	4,514
French .	2	3,383

JAMES McSHANE,
Harbour Master.

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PORT OF MONTREAL.

NUMBER and Tonnage of Sea-going Vessels, consigned to the following agents, during the season of 1903.

No.	Names of Firms.	Steam.	Tonnage.	Sail.	Tonnage.	Total Vessels.	Total Tonnage.
1	The Dominion Coal Co.....	182	363,751	...	...	182	363,751
2	The Can. Pac. Ry. SS. Co.....	75	337,474	...	...	75	337,474
3	H. & A. Allan.....	80	300,654	...	...	80	300,654
4	The R. Reford Co.....	99	215,519	...	...	99	215,519
5	Dominion Line.....	37	166,878	...	...	37	166,878
6	McLean, Kennedy & Co.....	64	127,869	...	...	64	127,869
7	Furness, Withy & Co.....	41	114,777	...	...	41	114,777
8	Leyland Line.....	19	69,846	...	...	19	69,846
9	Hamburg American Line.....	16	32,932	...	...	16	32,932
10	F. A. Routh & Co.....	32	32,344	...	...	32	32,344
11	Canadian Ocean & Inland Co.....	11	21,795	...	...	11	21,795
12	J. G. Brock & Co.....	16	18,464	9	851	25	19,315
13	The Intercolonial Coal Co.....	22	18,900	...	...	22	18,900
14	Blakely & Lemieux....	24	16,486	...	...	24	16,486
15	Hy. Dobell & Co.....	27	16,438	...	...	27	16,438
16	Masters.....	22	11,611	4	2,972	26	14,583
17	T. R. McCarthy ..	3	5,333	1	1,118	4	6,451
18	J. & R. McLea ..	4	3,071	3	2,426	7	5,497
19	Seven others.....	5	8,153	6	1,242	11	9,395
Total ..		779	1,882,295	23	8,609	802	1,890,904

JAMES McSHANE,
Harbour Master.

PORT OF MONTREAL.

COMPARATIVE STATEMENT showing the Number and Tonnage of Sea-going and Inland Vessels, that arrived in Port, the past ten years.

Years.	SEA-GOING.		INLAND.		GRAND TOTAL.	
	Vessels.	Tonnage.	Vessels.	Tonnage.	Vessels.	Tonnage.
1894.....	734	1,096,909	4,666	979,809	5,400	2,076,718
1895.....	640	1,069,386	4,498	943,717	5,138	2,013,103
1896.....	709	1,216,468	4,832	1,004,117	5,541	2,220,585
1897.....	796	1,379,002	6,384	1,134,346	7,180	2,513,348
1898.....	868	1,584,072	6,941	1,807,892	7,809	3,391,964
1899.....	801	1,517,611	8,877	1,899,097	9,678	3,416,708
1900.....	726	1,393,886	8,347	1,669,494	9,073	3,063,380
1901.....	742	1,453,048	8,450	1,683,186	9,192	3,136,234
1902.....	758	1,541,272	9,395	1,885,250	10,153	3,426,522
1903.....	802	1,890,904	15,338	2,415,791	16,140	4,306,695

JAMES McSHANE,
Harbour Master.

REPORT ON THE WORKS FOR THE IMPROVEMENT AND MAINTENANCE OF THE HARBOUR OF MONTREAL, FOR THE YEAR 1903.

JOHN KENNEDY, M. INST. C. E., *Chief Engineer.*

HARBOUR COMMISSIONERS OF MONTREAL, CHIEF ENGINEER'S OFFICE,
MONTREAL, April 28, 1904.

DAVID SEATH, Esq.,
Secretary, Harbour Commissioners,
Ottawa.

SIR,—I beg to submit for the information of the Board of Harbour Commissioners, the following report upon the works carried out in the Harbour of Montreal for the year ended December 31, 1903 :—

NEW WORKS.

The principal works carried on during the year were :—The extension of the wharf on the East side of Windmill Point Basin from section 6 S., northward ; the raising of a large part of the wharf on the west side of the basin to high level ; the completion of Harbour Improvement plan 12A2, by raising the shore wharf, Sections 14 to 17, to full height ; the commencement of the widening and rebuilding of the wharf in Section 23, and the enlargement of the deep water areas in the basins and St. Mary's Current by dredging.

The principal details are as follows :—

Sections 7S to 10S inclusive, East side of Windmill Point Basin.—Operations for extension of the wharf northwards were commenced April 21, and were continued until November 26th. The drill boat began work May 1, and continued throughout the season, drilling and blasting to make crib foundations, and deepening the basin. Drilling and blasting were carried on by day only until July 13, and day and night from that date until November 26, the close of the winter season. The work done by the drill boat on the crib seats was as follows :—

Grade of finished bottom on crib seats below extreme low water surface	28 ft.
Drill boat worked day and night from July 13 till Nov. 26, 1903.	
Working days on crib seats	182
Working time per day	11 hours.
Number of holes drilled and blasted on crib seats	2,039
Number of holes re-drilled and blasted on crib seats	227
Average depth of each hole in rock in first blasting of crib seats..	9.3 ft.
Average depth of each hole in rock in re drilling on crib seats...	2.8 ft.
Average depth of each hole on crib seats from surface of water when drilling was done	33.75 ft.
Quantity of rock drilled and effectively blasted, measured in solid, to 6 inches below finished bottom, on crib seats	22,200 cu. yds.
Cost of blasting crib seats	\$15,648.70
Average cost per cubic yard, measured in solid	70,489 cents.

The area drilled and blasted includes a small place, viz.: 7,405 square feet, which was drilled and blasted in 1902.

Dredges preceded the drill boat and cleared the rock of overlying deposits of gravel, hardpan, &c. They also followed the blasting as closely as possible and cleared the

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blasted rock from the sites for the crib-work. The areas dredged, including that blasted amounted to 317,000 square feet (7.29 acres), and the quantity dredged was 37,119 cubic yards rock, and 18,500 cubic yards hardpan, silt, &c. Cost, \$11,628.69, or an average of 20.91 cents per cubic yard, measured loose and by tally of scows, in addition to the cost of \$15,648.70 for the drilling and blasting. The excavated material was used for wharf filling, in various parts of the harbour.

The first crib of the extension of the wharf was sunk as soon as sufficient area of foundation was prepared, viz., on May 23, and successive cribs were sunk as rapidly as possible, viz., one June 1, June 17, June 24, June 29, July 6, July 27, August 10 and August 19.

The cribs are of the following lengths, beginning at the south end of section 7S, viz.: 150' 0", 151' 7", 201' 2", 150' 9", 150' 0", 152' 0", 150' 0", 151' 7", 150' 8", making an aggregate of 1,407 $\frac{3}{4}$ lineal feet. The small space between the ends of adjacent cribs increase the length to 1,410 feet of cribwork wharf. By the end of the season, 200 lineal feet of additional foundation had been made ready for reception of cribwork. The cribs are all founded on solid shale or trap rock foundation, at 28 feet depth below extreme low water.*

The first and second rows of compartments from the front of the cribwork, a width of 20 feet, are filled to low water level with shale and trap rock dredged from the foundations and the adjoining basin. The compartments of the cribwork and the space behind it are filled principally with silt, hardpan, gravel, boulders and rock, dredged from various parts of the harbour, the rest of the filling being earth, ashes, cinders, and other filling material sent in from city excavations, furnaces, &c.

The filling put into the cribs and wharf embankment, sections 7S to 10S, by derricks during 1903, was 406,047 cubic yards, and the amount of filling from the city was 41,815 cubic yards.

The preparation for building the concrete superstructure was begun on August 1, by setting up moulds. The depositing of concrete was begun on August 15, and continued until the end of November, when work closed for the year.

Concrete superstructure has been placed on 1,175 lineal feet of wharf front and carried up to the following elevations:—Commencing at the Dominion Coal Company's allotment, section 7S, 400 lineal feet has been carried up to elevation 103.00, or within seven feet of the finished height of this portion. From this low level wharf nine feet of the concrete front was sloped up to the high level (elevation 119.00), and 433 $\frac{1}{4}$ lineal feet of concrete front was completed to this height. From this point 342 lineal feet has been built downstream to an average elevation of 100.00.

The work of building the concrete wharf front was much delayed and its cost increased by the necessity for concentrating the work on a short length of frontage; in the beginning, on account of the short length of foundation cribs sunk, and later because of the urgency to complete section 8S, for the reception of cargoes of coal for which there was not space available elsewhere. Difficulties also were experienced in obtaining a sufficient and regular supply of stone for the crusher of the concrete plant. The concrete of the wharf was deposited by the floating concrete plant built in the beginning of the year.

Eighty concrete anchor blocks, placed about 64 feet from the wharf front, were made by hand in the ordinary way. In these there are 580 cubic yards of concrete.

The concrete wharf front contains 7,200 cubic yards and the blocks 580 cubic yards, or 7,780 cubic yards of concrete. Cost \$45,383.59, or \$5.83 $\frac{1}{2}$ per cubic yards.

The work of depositing back filling, grading, surfacing with rock, macadamizing, etc, was continued throughout the working season. At the junction between Sections 7 S and 8 S, the elevation of the top of the finished wharf changes from elevation 110.00 on Section 7 S to elevation 119.00 on Section 8 S. At the change of level a dry stone

* NOTE—The term "extreme low water" in this report means the stage of the river when the surface of the water is 94.00 feet above datum or when there is 13 feet depth above the level of the mitre sill of the old lock No. 1, Lachine Canal, built 1848, and recently removed. The term "ordinary low water" means a stage 3 feet 4 inches higher, or 16 feet 4 inches on the lock sill. All elevations above datum are measured from the harbour datum, which is a horizontal plane 81 feet below the lock sill, 100 feet below the Montreal City datum, and 73.90 feet below mean tide level at New York according to the U.S. Coast Survey levels.

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wall is built across the wharf to retain the high level part, and a ramp made from high to low level for roadway traffic. The expenditure, during the year on the whole wharf work on Sections 7 S to 10 S, was as follows:—

Drilling and blasting crib seats.....	\$15,648.70
Dredging crib seats (\$15,346.28), half of this sum charged to this work, remaining half to other works where the material was deposited.....	7,673.12
Cribwork substructure.....	56,995.36
Concrete wharf front and concrete anchor blocks, Steel anchor rods and washers.....	45,383.59
Filling material put in by Floating Derricks.....	53,985.39
Dry retaining wall, grading, surfacing and macadamizing.....	26,620.27
Total.....	\$206,306.43

Sections 4 to 11, inclusive, Windmill Point. Raising the wharf on the west side of Windmill Point Basin.—The raising of the wharf along the whole length of the windmill Point Basin was undertaken in accordance with an agreement between the Harbour Commissioners and the Grand Trunk Railway Co., dated July 4, 1902. The work of raising the wharf was commenced at the offset, the north end of Section 8, as early in the spring as lowering of the water permitted. Working towards the south, the top part of the old cribwork and its filling were removed down to a point where the timber was found to be sound. New and wider cribwork was built up from this level and anchored by bolts according to plan. Filling by derricks and grading followed as rapidly as practicable, and on 10th September, 400 feet in length had been completed and ready for a ship to berth and discharge or load cargo, but was not used for some time after that date. The work was continued southward, the top of the old wharf being removed and new cribwork finished to elevation 119.00 to a point 796 feet from the lower end of Section 8, where work was begun. A further length 120 feet was built up to an average elevation of 110.00. The work of filling the large area, in rear of this portion of wharf front, extending back to lock No. 2, Lachine Canal, and the hydraulic lots on the west, and from New Canal Basin No. 2 on the north to Section 6 on the south, was pushed vigorously during the summer. Filling was supplied from the front by derricks as rapidly as it could be carted back and much filling was received from city excavations, &c. On this area there are five raceways, one 25 feet wide from basin No. 2, Lachine Canal, called Raceway No. 1, and Nos. 2, 3, 4, and 5 from the hydraulic lots, on Mill Street, numbered consecutively from No. 1. These timber raceways were built during the years 1875 to 1879 and were designed to support only the low level wharf and its load. No. 1 was rebuilt, of increased strength, from a point 109 feet from the face of the wharf for a length of 164 feet to the end of the covered part of the old raceway, and thence for a distance of 45 feet to the bridge on Mill Street, a new covered raceway was constructed. The floor on both the reconstructed and new parts being sound was not disturbed. The part of No. 1 between the reconstructed part and the face of the wharf, 109 feet in length, and raceways Nos. 2 to 5, across the Harbour property, a length of 100 feet each, were reinforced for about 80 feet by timber arches before the filling to high level was put on. Along the boundary line between the Harbour property and the hydraulic lots in the rear, where the latter have not yet been filled up, cribwork was constructed to retain the high level wharf filling. At the close of the year, nearly the whole area along and in rear of the 800 lineal feet wharf front, Sections 7 and 8, had been filled to high level, graded, and the raceways on it macadamized. The latrine which had been in use on the low level wharf, was moved to a point about 340 feet from the face of the wharf near the north end of Section 7, on the south side of the roadway leading from Black's Bridge. A concrete foundation for the latrine platform, and also a watering trough, were put down with a nine inch drain leading to the raceway, and a two inch galvanized iron pipe from the city main, on Mill Street, for supplying water to the latrine and to watering carts. An area 40 feet

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in width has been left at low level across the south end of New Basin No. 1, Lachine Canal, and a roadway thence to Black's Bridge 30 feet in width along the embankment at Lock No. 2. A dry stone wall was built to support the adjacent high level filling. While this large area was being filled the railway was kept in operation for the supply of material for the Grand Trunk Elevator foundation being built on Section 9, until no longer needed.

The embankment was raised on each side of the track and a bridge built over the railway to accommodate the cartage traffic.

Early in spring the foundation of the existing cribwork was examined by divers and any voids found under the cribwork were filled with concrete in bags.

On the part of the work Sections 9 to 11, the area leased to the Grand Trunk Railway Co., operations were begun on May 1, by derricks dumping filling material on Section 11. On May 5, carts were put to work to haul the filling back. As large a force as could be employed was kept at work throughout the summer and by the end of the year about sixtenths of the area to be raised was filled to full height and graded.

Reconstruction of the cribwork from the water line upward was begun on August 22, and stopped on December 3. During this time a length of 260 feet, of the cribwork on Section 11, was renewed and built up to elevation 118. On Sections 9 and 10 a length of 1,150 feet was renewed and built up to an average elevation of 106.

On the work already described, Sections 6 to 11, there were used the following quantities of materials :—

27,157 lineal feet of round hemlock.	
49,272 " flat "	
15,894 cubic feet of square "	
30,370 lineal feet of round pine.	
15,405 " flat "	
28,497 cubic feet of square "	
990 lineal feet pine piles 41 feet long.	
96,420 feet B.M., hemlock plank, in general 4" thick.	
12,685 " spruce " " 2" "	
2,050 " pine "	
110,320 lb. wharf spikes, in general $\frac{7}{8}$ " sq. x 24" long.	
5,934 lb. pressed spikes and nails.	
Cost : Cribwork of Wharf and Raceways.....	\$62,283 19
Filling grading and macadamizing.....	59,810 29
Derrick work and filling material.....	19,159 51
Total.....	\$145,252 99

Harbour Improvement Works, Sections 15 to 17, inclusive.—About 3 feet in height by 400 feet in length of the top part of the cribwork of King Edward Pier on its north side adjoining the shore wharf was not completed in 1902. This piece of cribwork was finished early in the summer of 1903, and the filling behind it and along the shore wharf, Sections 15 to 17, was put in as rapidly as practicable until the whole was raised to grade, and this completed the work comprised in Plan 12 A2.

Expenditures in Harbour Improvement Works, sections 12 to 19 inclusive, in 1903 :—

Cribwork construction, \$23,050.32 ; concrete wharf, section 15 (not including the expenditure on the elevator building, but including the expenditure on the wharf in front of adjoining and the elevator) \$31,201.23 ; concrete wharf, section 17, \$336.07 ; labour filling and grading wharfs, \$44,592.75 ; portion of dredge and derrick work chargeable to filling the wharfs, \$18,872.15 ; dredging (part cost), \$17,514.06 ; water pipes and drains, \$18,106.57. Total, \$153,673.15. Charged to City for above work in 1903, \$20,033.55.

Expenditure on elevator building in 1903, \$240,618.38.

Section 23, New Wharf Front.—A piece of wharf front, 105 feet in length, fell forward and disappeared. It was old cribwork built about 1876 for 20 feet 8 inches

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depth at extreme low water. The basin in front of it had been deepened to 25' 3" at extreme low water and the old wharf had been kept up for several years by a row of piles along its front.

New cribwork was sunk to a depth of 35 feet at extreme low water on a line about 80 feet forward from the old wharf line. At the end of the year, 450 lineal feet of crib work had been sunk in place, filled in the front pockets with rock and partly filled in rear towards the old wharf front with gravelly material. It was found that after the basin had been dredged to 25 feet 3 inches depth on the sill at extreme low water it had been scoured to a great depth, in some places as great as fifty feet. It was necessary to reduce the great depth, both in order to make foundations for the cribs and to protect the bottom from further scour in front, and also to enable derricks to stand in front of the cribs and work with safety in the strong current. For these purposes a quantity of about 8,000 cubic yards of rock was spread on the bottom by derricks.

Part cost dredging crib seats.....	\$ 1,503 50
Cost cribwork.....	16,613 51
Filling by derricks.....	6,805 96
Total.....	<hr/> \$24,922 97

HARBOUR RAILWAY.

The laying of track on the MacKay Pier, which was commenced last year, was continued this year, and by the end of the summer three fourths of a mile additional track had been laid, making in all two miles of track laid on the MacKay Pier. Grading has also been done for an additional mile of track.

The rearrangement of the old tracks, and laying of new tracks on the piers and shore wharfs between the entrance of the Lachine Coal and the Canadian Pacific Railway Elevators was carried on vigorously during the summer.

Just after the close of navigation two new tracks were laid on the Alexandra Pier, and two on the King Edward Pier, connected with the main lines on the shore wharfs. There were also laid two new tracks from near McGill Street to the Canadian Pacific Railway Elevators, which, with those previously existing, make four tracks throughout this distance.

Convenient cross-overs to facilitate the handling of cars between the different lines, have been laid, and a connection has been made giving the Canadian Pacific Railway access to the high level wharfs from their Dalhousie Square Station ground, by way of Commissioners Street; all the new tracks are of 80 lb. rail and of the very best construction throughout.

A new siding was laid in sections 39 to 42, and connected with tracks leased to the Grand Trunk and Canadian Pacific Railway Companies, near Moreau Street. The siding, including the cross-over, is 1,420 feet in length, about 1,150 feet of which is laid 75 feet from face of wharf to centre of track and 270 feet at 10 feet from face of wharf, so as to facilitate the handling of different kinds of cargo. All the new tracks were planked between the rails and for one foot outside the rails, 611,714 feet board measure of four-inch hemlock plank having been used for this purpose.

The track work began on April 27, and was suspended for the season on December 3. Expenditure in 1903, \$87,176.62.

MAINTENANCE AND REPAIRS.

The total cost of maintenance and repairs of the harbour works in 1903; including the cost of removal of ice given below, is \$123,097.53, and it compares as follows with the expenditure of former years :—

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1875.....	\$ 16,499	1890.....	\$ 56,380
1876.....	35,711	1891.....	49,109
1877.....	26,077	1892.....	72,179
1878.....	18,974	1893.....	58,644
1879.....	18,819	1894.....	75,455
1880.....	17,330	1895.....	50,081
1881.....	16,159	1896.....	55,211
1882.....	27,962	1897.....	46,259
1883.....	35,768	1898.....	58,847
1884.....	44,869	1899.....	52,252
1885.....	42,158	1900.....	42,679
1886.....	64,986	1901.....	79,461
1887.....	64,984	1902.....	71,109
1888.....	49,520	1903.....	123,097
1889.....	51,892		

ICE MOVEMENT, 1903.

In the winter of 1902-3 the climax of the ice shoving occurred on December 28, when the water rose to a very high winter level, viz.: 37 feet 3 inches on the sill. Fluctuations of the water level, due to the 'taking of the ice', ceased on January 4, 1903.

On February 2, a small opening appeared in the river about 300 feet from the shops on the MacKay pier. The Laprairie ice road was cut away and a span of horses were drowned. On March 3, the opening extended up half way to Victoria bridge, but no further change occurred until March 8. Within the McKay pier, shoved ice extended into the basin to the upper side of Jacques Cartier pier.

On March 8, the ice road broke at Longueuil. On March 12, the air hole which had opened on February 2, extended down stream to the jail, and another narrow opening appeared eastward in St. Mary's current. No change of importance occurred until the night of the 19th, when ice shoved on the south side of the Laprairie bay. March 21, ice shoved on Montreal side from Victoria bridge to the cotton mill, section 43.

On March 24, a general shove occurred and the ice moved up stream about 100 feet within the MacKay pier opposite the Alexandra, King Edward and Jacques Cartier piers.

Between the Alexandra pier and Windmill Point basin, the ice moved up stream about 8 feet. River jammed full of ice on March 25. March 26, ice moving down stream. March 27, river open on Montreal side down to St. Helen's island. March 28, river open to St. Lawrence sugar refinery on Montreal side, but closed on St. Lambert side to Moffat's island. March 29, river open on St. Lambert side down to Longueuil. March 30, river open to Longue Pointe.

December 18, 1903, river full of ice up to the down stream end of MacKay pier. December 19, river full of ice up to Victoria bridge in the forenoon and shoved on St. Lambert shore in the afternoon when the water rose 4 feet. December 20, open water on St. Lambert side of the river from the bridge down to Coteau Rouge road. December 21, St. Lambert side of river full of ice, Montreal side open down to Hochelaga. December 22, Montreal side of river full of ice up to the shops on MacKay pier and to the bridge on St. Lambert side. December 24, river filled up to Victoria bridge. December 25, the ice shoved up to the shore below the bridge. December 26, the river filled with ice up to Laprairie bay. Cold weather prevailed and no further movement took place.

ICE REMOVAL.

The breaking up of the winter ice was accompanied by very high water and heavy shoves.

The water rose to a maximum height of 43 feet 2 inches above the old lock sill which is only ten inches below the highest recorded depth of 1886.

The quantity of ice left upon the wharfs was larger than usual, in the parts of the harbour not protected by the guard pier. Quantities at several places were approximately as follows:—

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Sutherland Pier, Sec. 46.	Cub. yds.
300 ft. x 75 ft. x 13 ft. average thickness.....	10,833
Laurier Pier, Sec. 43.	
700 ft. x 150 ft. x 15 ft. average thickness.....	58,333
From Sec. 43 to Sec. 36.	
4,000 ft. x 160 ft. x 14 ft. average thickness.....	331,852
From Sec. 36 to Sec. 33.	
1,300 ft. x 80 ft. x 10 ft. average thickness.....	38,518
From Sec. 33 to Sec. 31.	
1,015 ft. x 100 ft. x 6½ ft. average thickness.....	24,435
From Section 31 to Sec. 27.	
2,100 ft. x 105 ft. x 8 ft. average thickness.....	65,333
From Sec. 27 to Sec. 20.	
3,400 ft. x 100 ft. x 7 ft. average thickness.....	88,148
Sec 20, Victoria Pier.	
900 ft. x 120 ft. x 6 ft. average thickness.....	24,000
<hr/>	
Total approximate, quantity of ice left upon the wharfs, cubic yards.....	641,452
Total expenditure for clearing ice.....	\$13,609.96

The clearing of the ice from the sites of the steamship sheds, ferry steamer berths, and other places first required for use, was commenced on March 31, and practically completed on May 11. The maximum force employed was 700 men and 60 carters.

HARBOUR REPAIRS.

The following are the details of the chief items of wharf repairs done in 1903 :—

Section 4, Windmill Point.—A small repair to the coping and top planking of the wharf at the upper end of the Windmill Point basin was made in July.

Section 8, Windmill Point.—The culvert of the waste weir of the canal, near Black's bridge was repaired in connection with the renewal and strengthening already described among new works. On April 25, work was begun rebuilding the cribwork sides of the culvert and renewing the timber covering.

Section 13.—The stone crossing, from the gate opening in the flood wall, at St. Peter Street, across the wharf, was widened and relaid.

Section 17.—The top of the concrete wharf front between the King Edward and Jacques Cartier piers, was damaged by the frost and ice. The places damaged aggregate 150 feet in length by 6 to 7 feet in height, and the whole was thoroughly repaired by May 27.

Section 19, Shore Wharf.—At the junction of the shore wharf with the Victoria pier, the roadway of the wharf, immediately back of the cribwork, was washed out by the winter current. The hole so made was about 50 feet in diameter by an average depth of 5 feet. The work of filling up the hole and bringing it up to proper grade, and macadamizing the top anew was begun April 8, and completed on April 22.

Section 20, Shore Wharf.—On the breaking up of the winter ice in the spring it was found that the old cribwork front for a length of 172 feet had been undermined by successive deepening of the basin in front, and by winter scour, and had given way and slid bodily out. The repairing of the break was commenced early. On April 4, a dredge began clearing away the old cribwork and deepening the site. A new pile wharf was substituted for the former cribwork.

Pile driving began on 1st May, and the wharf was handed over to the harbour master for use, on July 15th. The new pile wharf to replace the old cribwork is 172 feet in length by 35 feet in width.

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Section 20C, Victoria Pier.—The inshore, downstream end of the Victoria pier, which is of pilework, was damaged by the winter ice; some piles were broken, the caps and stringers broken and displaced, and the planking torn up. The area damaged was 1,525 square feet. On July 28, the work of repairing began by the driving of piles, putting on new caps and stringers where required and renewing the top planking. The work was completed on 22nd August.

Section 20D.—Two slips were cut for the ss. *Campana*, near the lower end of the pier, on the north or inshore side. They are 9 feet and 11 feet in width respectively, and extending 20 feet back from the face of the pier. The work began September 21 and was finished on the 29th.

Section 20C and 20D.—The pile wharf, forming the inshore half of the projection downstream of the Victoria pier (formerly the Thompson Line berth), was in a very rotten condition. The pile heads, caps, sleepers and planking were unsafe for use.

Renewal of the whole top of the wharf from low water line up was commenced on September 21, when the water had fallen to low summer level. The piles were cut off at low water level and new heads spliced on and new floorbeams, joints and planking built on top. Work was continued until stopped by the rising of the river, December 17, by which time an area of $500 \times 50 = 25,000$ square feet had been renewed.

A considerable area at the upstream end of wharf yet remains to be renewed.

The old cribwork at the back of the pilework was renewed from low water up throughout a length of 550 feet, in conjunction with renewal of the pile work.

Section 21.—The coping and top planking of the wharf were renewed for a length of 52 feet.

The front of the wharf, for about 75 feet in length, was re-enforced by piles being driven and well bolted to the face of the cribwork.

Section 23.—The front of the wharf was broken by the heavy shoving of the winter ice, for a length of 123 feet. Two to four courses of face timber were renewed, new ties put in, new sleepers and top planking put on. Work began on 9th May, and finished 22nd May.

Section 24.—The front of the wharf was broken by the heavy shoving of the ice. For a length of 150 feet the front timbers were broken for three courses from the top, the planking torn off and some of the piles along the front of the wharf were broken and others torn out. The work of renewal was begun on the 25th April and completed on 8th May. Three new courses of face timbers were put on, new sleepers, and top planking renewed. Piles were also driven to replace those broken or torn out and the whole left in good order.

Section 28 and 29.—The shallow water wharf, from the end of the new concrete wharf in section 27, to opposite the jail, section 29, showed signs of weakness, and in order to prevent the winter current and ice from further weakening and possibly undermining the cribwork, piles were driven along the front; 50 piles were driven, close alongside of one another. Similar groups of piles, with alternating spaces, were repeated throughout the total length of 900 feet. The piles were cut off at about three feet above low water line, well bolted to the face of the crib work and a bevelled coping or waling piece, bolted on the top of the piles. The work began on the 3rd and was completed on 25th November.

Section 30.—A small repair was made to the top planking and coping of the wharf. New coping for a length of 18 feet was put on, and 50 feet of the top planking was renewed.

Sections 31 and 33.—160 piles were driven along the front of the wharf, cut off about three feet above low water, well bolted to the cribwork, and a coping piece bolted on the heads of the piles. 100 lineal feet of the face planking and 80 lineal feet of the top planking were renewed.

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Section 34.—The wharf, for a length of 90 feet, had pitched slightly forward, and had sunken about $1\frac{1}{2}$ feet at the centre, and showed other signs of weakness. 12 tie rods, of $1\frac{3}{8}$ in. diameter steel, 50 feet in length, were put in, well secured to the face timbers anchored to heavy blocks of timbers buried in the earth behind. Fifty piles were driven along the front, cut off at about three feet above low water level, well bolted to the face of the cribwork and a coping bolted on the top of the piles. The face of the wharf was then built up to proper level and the face and top planking renewed. The work was completed on November 2.

Section 35.—Some of the piles driven in former years along the front of the wharf, were torn out by the shoving of the ice in the spring, and the coping and top planking of the wharf somewhat broken. Twelve new piles were driven to replace those torn out, and the coping and top planking renewed for a length of 32 feet. The work was finished on July 27.

Section 36, Denonville Ramp.—The coping and guard rail of the ramp, on the upstream slope, which were broken by the ice, were renewed for a length of 31 feet.

Section 37, Dominion Coal Co's. Hochelaga Towers.—On the clearing away of the winter ice, the wharf leased to the Dominion Coal Co. was found to be damaged in several places, many piles were torn out and the top of the wharf was sunken in many places and the railway track displaced. Seventy-five piles, averaging 46 feet in length were driven along the front, cut off at about 6 feet below the top of the wharf and well bolted to the front. Three thousand two hundred square feet of the top of the wharf was raised, and the planking renewed in part and the railway tracks relaid.

Section 40.—The coping, top and face planking of the wharf, which were damaged by the shoving of the ice, were renewed for length of 25 feet of wharf.

Section 41.—The top of the wharf was damaged by the shoving of the ice; 30 lineal feet of new coping was renewed, two courses of front timbers renewed for 20 feet, and 30 lineal feet of the top and face planking were renewed.

Section 42, Laurier Pier.—The outer upstream corner of the Laurier pier was damaged by the heavy shoving of the ice in spring. The face timbers were pushed back and broken, the coping broken away and the face and top planking were torn off. Three courses of the face timbers of the upstream side and three on the outer face, for a length in each case of 25 feet, were renewed, new ties were put in, and heavy braces behind the face timbers. The crib filling was made up of rock, and the top and face planking, for a total length of 55 feet, were renewed. The work was completed on May 29.

Section 43, Sutherland Pier.—Fifty lineal feet of new coping was put on, and the top planking renewed for a length of 20 feet.

MACADAMIZING STONE.

The stone for macadamizing was, as usual, furnished unbroken by contract, and broken by the commissioners' own men.

The quantities used during summer for maintenance were:—

	Tons.
Sections 5 to 10	13
" 20 to 34	1,134
" 35 to 40	8,554
" 41 to 47	429
Total tons	10,130

LATRINES, DRINKING TROUGHS, ETC.

The latrines, drinking troughs, wagons, water carts, barrows, life preservers, &c., were thoroughly repaired and painted during the winter and spring.

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The storing away of the latrines and other plant was begun on the 7th December and completed on the 15th.

GENERAL REPAIRS AND PATCHING.

The ordinary general repairs to the planking and timber work of the wharfs were carried on throughout the summer.

ROADWAYS.

The completion of the high level shore wharfs and piers between the entrance of the canal and the Victoria pier permitted of their being macadamized, when not previously done, and put into thoroughly good condition.

The repairing and maintenance of the older wharfs was liberally carried out and all the roadways were brought into thoroughly good condition.

MAINTENANCE OF ELECTRIC LIGHTING.

The harbour lighting was continued throughout the summer, by the Montreal Light, Heat and Power Co., under an extension of the contract of 1899. Lighting was commenced on the evening of April 17, with 16 lamps, and 11 lamps were added on the 20th; on the 27th, 55 lamps were in use, and the number was gradually increased to 116 lamps on May 17, and by the 22nd, the whole circuit of 142 lamps was in use; on June 24, two new beacon lamps were added, and two more lights were added on 14th. All the lamps were kept in operation until the night of November 24, when the Windmill Point and Hochelaga lights were discontinued. The lighting of the central portion of the harbour was continued until December 4.

The greatest number of lamps in use at one time was 147, and the total lighting of the season was equivalent to 30,376 lamps for one night.

The total cost was \$4,526.25.

DREDGING PLANT.

The dredging plant used in 1903, was all owned and operated by the commissioners. It consisted of four bucket or dipper dredges, one drilling and blasting boat, five floating derricks, five steam screw propeller tugs, three hopper bottomed scows of 200 cubic yards capacity, seventeen deck scows of a capacity of 150 cubic yards, and four of 67½ cubic yards, besides smaller scows, floats, &c. Further particulars of the vessels are given in the annexed tables.

All the dredging plant was wintered afloat, in 1902-3, near the Mackay pier, opposite the workshops, except dredges Nos. 1 and 3, and derrick No. 6, which had been hauled out in the fall of 1902, for extensive repairs during the winter, as also the tug *St. Peter*, for the purpose of rebuilding.

The dredges were served throughout the summer by the tugs *St. Peter*, *St. Louis*, *Aberdeen* and *Robert Mackay*. Service was also rendered about half the time by the *Courier* in carrying men and stores, and occasionally in towing scows, the other half of the service being given to the towing of timber for wharf building.

The dredges all continued steadily at work from their dates of commencement until the close of navigation in the fall.

Dredge No. 1 worked night and day from April 27 till November 25; No. 2 from April 21 till November 12; No. 3 night and day from April 23 till November 30, and No. 4 worked from April 22 to November 25. The night crew on dredge No. 2 was shifted to dredge No. 4 at times during the season, as circumstances required.

The aggregate number of shifts or watches during which they were on duty on the harbour works, reckoning all days of the day dredge and all nights and days of the night-and-lay dredges, except those of Sundays and holidays, was: For No. 1, 363 day and night shifts; for No. 2, 261 day and night shifts; for No. 3, 371 day and night shifts, and for No. 4, 288 day and night shifts, making in all 1,283 shifts. The nominal working hours of each shift were eleven, except in spring and fall, when they were ten;

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and the aggregate for all the dredges throughout the season was 13,823 hours. The aggregate of actual working time, that is, the time which the dredges actually dredged, exclusive of that lost for repairs, changing positions, detention by ships, irregularities of scow service and all other causes, was 8,885 $\frac{3}{4}$ hours, or an average of 64 per cent, of the nominal working hours. The percentage of time of actual working is rather small, mainly because of the conditions incident to night work. Repairs, changing of buckets, changing of places of work, overtaking irregularities in scow service and such like, which, when working by day only could be made good by overtime, must, when working both night and day, be made good in working hours, and therefore involve detention.

Derricks Nos. 1 and 3 commenced night and day work on April 10, clearing ice off wharfs; No. 5 commenced on April 7, and worked by day only; No. 4 commenced day and night work on April 13, and No. 6 on the April 16.

Day and night work was stopped on all the derricks between November 19 and 26.

Drilling and blasting was commenced by the drill boat on May 1 and work was continued by day until July 13 and by night and day from that date to November 26.

Sections 12 to 14.—About 100 feet in width by 350 feet in length along the north face of Windmill Point wharf, section 11, was cleaned by dredging, also another strip about 80 feet wide by 300 feet long at the Allan berth, section 12, near the mouth of Lachine Canal. Area dredged, 59,000 square feet (1.36 acres); materials, hard pan and rock.

Quantity, 9,588 cubic yards. Expenditure, \$1,838.45. Cost per cubic yard: Dredging, 12.45 cents; unloading by derricks, 6.77 cents.

Of this amount \$1,459.98 was charged to places where the material was used and \$378.47 to dredging account.

Sections 12S to 16S.—An area of 138,800 square feet (3.186 acres) was cleared off to rock bottom, partly in preparation to obtain clean rock for concrete and to extend the basin, depth made 22 feet to 27 feet at low water. Materials, chiefly silt, stones and hard pan. Another area of 98,800 square feet (2.268 acres) was dredged to depths of 31 feet to 37 feet at low water, to obtain rock for concrete and to extend deep water area of basin. Material, chiefly shale rock, with seams of trap.

Total quantity, sections 12S to 16S, 139,626 cubic yards. Expenditure, \$34,799.84. Cost per cubic yard, dredging, 18.35 cents; unloading by derricks, 6.77 cents.

Of this amount \$21,634.35 was charged to places where the material was used and \$13,165.49 to dredging account.

Sections 20A-20B.—An area of 40,000 square feet (0.92 acre) was deepened to 36 feet to 37 feet at low water. Materials, silt and stones.

Quantity, 25,950 cubic yards. Expenditure, \$8,033.04. Cost per cubic yard: Dredging, 24.18 cents; unloading by derricks, 6.77 cents.

Of this amount \$4,062.94 was charged to places where the material was used and \$3,970.10 to dredging account.

DREDGING, MAKING CRIB FOUNDATIONS, BASINS, ETC.

The cost and character of the dredging in different parts of the harbour in 1903 are given below. All the quantities are either scow measurement from the tallied number of flat deck scow loads of measured average capacity, or box measurement from the tallied number of boxes placed on scows, containing four cubic yards per box.

The cost of dredging in each case includes its proportion of all the cost of maintaining and working the dredges, tugs and scows, but does not include the cost of unloading the dredgings from scows by derricks, which is separately given.

Sections 7S to 11S, Windmill Point.—Dredging for crib foundations comprised an area of about 88,920 square feet (2.04 acres), being chiefly blasted rock with a small proportion of unblasted rock.

Quantity, 55,619 cubic yards. Expenditure, \$15,346.28. Cost per cubic yard: dredging, 20.9 cents; unloading by derrick, 6.77 cents.

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Of this amount, \$7,673.12 was charged to places where the material was used and \$7,673.16 to dredging account.

Sections 7S to 11S, and sections 7 to 11, Windmill Point Basin.—The dredging was partly of blasted rock, partly cleaning up areas formerly dredged and partly in solid rock, deepening the basin to 30 feet clear depth at extreme low water. Area dredged, 343,105 square feet (7.876 acres).

Quantity, 266,502 cubic yards. Expenditure, \$70,089.36. Cost per cubic yard: dredging, 19.65 cents; unloading by derricks, 6.77 cents.

Of this amount, \$35,044.69 was charged to places where the material was used and \$33,044.67 to dredging account.

Sections 20-21.—About 208 feet in length of old cribwork fell forward into the basin. The old cribs and debris were cleared away to allow repairs to be made.

Quantity, 4,050 cubic yards. Expenditure, \$918.75. Cost per cubic yard: dredging, 15.91 cents; unloading by derricks, 6.77 cents.

Of this amount, \$459.38 was charged to places where the material was used, and \$459.37 to dredging account.

Sections 23-24.—Dredging was done here to make foundations for the new wharf cribs, and consisted in clearing off debris, hard pan, &c., and levelling the rock deposited for foundations where scouring to great depths had occurred.

Quantity, 8,850 cubic yards. Expenditure, \$3,007.03. Cost per cubic yard: dredging, 27.2 cents; unloading by derricks, 6.77 cents.

Of this amount, \$1,503.53 was charged to places where the material was used, and \$1,503.50 to dredging account.

Sections 28 to 39, new channel through St. Mary's Current.—Areas in this channel aggregating 1,195,000 square feet (27.4 acres) were dredged in general to 33 feet depth at extreme low water. Shale rock was reached at five points at depths of 29 feet 6 inches to 33 feet at extreme low water. Material dredged, nearly all coarse gravel and stones, a small proportion being silt and clay.

Quantity, 300,675 cubic yards. Expenditure, \$81,686.09. Cost per cubic yard: dredging, 20.39 cents; unloading by derricks, 6.77 cents.

Of this amount, \$40,843.03 was charged to places where the material was used and \$40,843.06 to dredging account.

Section 47, Maisonneuve.—An area of 14,000 square feet (0.3 acre) was dredged to 32 feet depth at extreme low water, chiefly to obtain sand for blinding macadamized wharf areas and, early in the year, in order to obtain material which could be handled cheaply for the purpose of completing the berth, section 17 which was urgently needed for the accommodation of ships. The dredging was done on the line of future wharf cribs and basin areas extension at Maisonneuve.

Quantity, 43,650 cubic yards. Expenditure, \$10,854.85. Cost by cubic yard: dredging, 18.09 cents; unloading by derricks, 6.77 cents.

Of this amount \$5,427.43 was charged to places where the material was used and \$5,427.42 to dredging account.

Aggregate Dredging.—The aggregate quantity dredged at all places during the year was 854,510 cubic yards, box and scow measurement, and the average cost was 19.02 cents per yard. The material was carried on flat scows, either on the open deck from which it was unloaded by clam shells and floating derricks, or in four-yard boxes which were lifted and dumped by the derricks. All the dredged stuff thus unloaded by derricks was deposited in or behind cribwork for wharf building, and on the guard pier. The average cost of the whole derrick work, apart from the scow service, was 6.77 cents per cubic yard, scow or box measurement.

Rock Blasting, Windmill Point Basin and Crib Seats.—The rock drilled and blasted was Utica shale and trap, the trap being imbedded in the shale in beds, veins and pockets, in the proportion of about three-quarters of trap to one-quarter shale;

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grade line of finished bottom, 37 feet to 30 feet below water surface at the time of working.

Grade of finished bottom on crib seats below extreme low water surface, 28 ft. ; grade of finished bottom in Windmill Point basin, 30 ft. Drill boat worked day and night from July 13 to November 26, 1903 :—working days, May 1 to November 26, 291 ; working time per day, 11 hours ; number of holes drilled and blasted on crib seats, 2,039 ; number of holes re-drilled and blasted on crib seats, 227 ; number of holes drilled and effectively blasted in Windmill Point basin, 1,158 ; average depth of each hole in rock in first blasting on crib seats, 9.3 ft. ; average depth of each hole in rock in re-drilling on crib seats, 2.8 ft. ; average depth of each hole in rock in drilling in Windmill Point Basin, 10.3 ft. ; average depth of each hole on crib seats from surface of water when drilling was done, 33.75 ft. ; average depth of each hole on crib seats from surface of water when drilling was done, in Windmill Point basin, 36.16 ft. ; quantity of rock drilled and effectively blasted, measured in solid, to six inches below finished bottom, on crib seats, 22,200 cubic yards ; quantity of rock drilled and effectively blasted, measured in solid, to six inches below finished bottom, on crib seats, in basin, 13,409 cubic yards. Total quantity, 35,609 cubic yards.

Cost of blasting crib seats, \$15,648.70 ; cost of blasting in basin, \$9,452.66 ; total cost, including depreciation of plant, \$25,101.36. Average cost per cubic yard, measured in solid, 70.489 cents.

The total outlay for working the whole fleet, except the drill boat, was \$226,736.26, which embraces the entire cost of working the plant and machinery, including repairs, outfit, wages, salaries, management charges, insurances, allowance for depreciation of plant, and all charges of every kind, except interest on capital. The allowance for depreciation of plant is \$19,257.26, and it includes not only the estimated depreciation of the plant in use in 1903, but that upon all the commissioners dredging plant whether in use or not. It is also to be noted in making comparison with previous years the depreciation was not included in the cost of dredging in any year previous to 1899.

The cost of maintaining and working the four dredges was \$90,640.01, or an average of \$70.64 per day per dredge and average of 10.6 cents per cubic yard dredge.

The cost of maintaining and working the five floating derricks for unloading scows was \$57,368.62, or \$36.91 average per day per derrick for 1,554 days' aggregate service, unloading dredge material and an average of 6.77 cents per cubic yard.

The cost of maintaining and working the five tugs which attended the dredges was \$44,673.85, an average of 25.64 per tug per day, and an average of 5.23 cents per cubic yard dredged.

The cost of the scow service was \$34,054.28, an average of 3.98 cents per cubic yard dredged.

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The following are the comparative quantities and costs of dredging and unloading for 1903 and for previous years :

Years.	Cubic Yards Dredge.	Total Costs Dollars.	Cost per Cubic Yard Cents.	Kind of dredges employed.
1875.....	151,719	68,979	45	
1876.....	156,082	55,462	35 ⁵⁰ / ₁₀₀	
1877.....	173,499	45,103	26	
1878.....	211,731	48,748	23	
1879.....	189,609	41,006	21 ⁶³ / ₁₀₀	
1880.....	186,430	46,914	25 ¹⁶ / ₁₀₀	
1881.....	170,764	54,128	31 ⁶⁹ / ₁₀₀	
1882.....	187,339 9,429	53,598 13,254	28 ⁶⁰ / ₁₀₀ \$1.40 ⁶⁹ / ₁₀₀	Spoon dredges and stone lifters. Elevator dredges.
	196,768	66,852	33 ⁹⁶ / ₁₀₀	Totals and average.
1883.....	36,358 6,990	17,956 19,385	49 ³⁸ / ₁₀₀ \$2.77 ³⁹ / ₁₀₀	Spoon dredges and stone lifters. Elevator dredges; lifting rock and boulders and clearing up.
	43,348	37,341	86 ¹⁴ / ₁₀₀	Totals and average.
1884.....	125,648	49,468	39 ³⁷ / ₁₀₀	Spoon dredges and stone lifters.
1885.....	69,494	28,563	41 ¹⁹ / ₁₀₀	" " "
1886.....	57,728	25,772	44	" " "
1887.....	36,993	23,259	62	" " "
1888.....	73,150 2,077	36,690 1,333	50 ¹⁰ / ₁₀₀ 64 ¹⁸ / ₁₀₀	" " " Elevator dredges.
	75,227	38,023	50 ⁵⁴ / ₁₀₀	Totals and average.
1889.....	205,283 9,420	54,574 2,996	26 ⁵⁸ / ₁₀₀ 31 ⁸⁰ / ₁₀₀	Spoon dredges and stone-lifter. Elevator dredge.
	214,703	57,570	26 ⁸¹ / ₁₀₀	Totals and average.
1890.....	186,670	53,674	28 ⁸⁰ / ₁₀₀	Spoon dredges and stone-lifter.
1891.....	259,267 43,290	49,571 14,232	19 ¹² / ₁₀₀ 32 ⁸⁷ / ₁₀₀	Spoon dredges. Elevator dredge.
	302,557	63,803	21 ⁸⁰ / ₁₀₀	Totals and average.
1892.....	361,947	93,595	25 ⁵⁸ / ₁₀₀	Spoon dredges.
1893.....	235,280	93,050	39 ⁵⁵ / ₁₀₀	"
1894.....	312,430	98,858	31 ⁶⁴ / ₁₀₀	"
1895.....	496,528	99,400	20 ² / ₁₀₀	"
1896.....	401,938	103,317	25 ⁷⁰ / ₁₀₀	"
1897.....	284,844	68,211	23 ⁹⁵ / ₁₀₀	"
1898.....	456,458	61,012	13 ³⁷ / ₁₀₀	"
1899.....	963,131	100,163	10 ⁷⁷ / ₁₀₀	"
1900.....	1,323,871	163,541	12 ²⁵ / ₁₀₀	"
1901.....	1,359,221	190,242	14	"
1902.....	1,179,726	217,986	18 ⁴⁸ / ₁₀₀	"
1903.....	854,510	226,736	26 ⁵³ / ₁₀₀	"

Interest and depreciation are not included in cost as given here.

Includes depreciation and every expense except interest.

The repairs to the hulls and machinery of the dredging fleet were, as usual, made by the commissioners' own men, with the exception of some heavy machine work and forging, and the making of castings, which were done at neighboring shops. The repairs to both dredges and derricks were heavy, mainly for the reason that they were worked both day and night, and that the dredging, where not in rock, was in very tough silt, which required the utmost power of the dredges to break it up.

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The following are the principal items of repairs made to the vessels during the year :—

Dredge No. 1.—Crank discs of main engine were re-keyed ; new rings put in piston on starboard side of main engine ; four new cylinder cocks were put on main engine ; the four-way valve on stern spud cylinder was renewed ; the thread and nuts of pump slide valve spindle were renewed. The A frame head had new bolts put in. Straps for holding back stays to kelsons renewed. The lower ends of the trusses of the boom were rebuilt, and the steel plates and shapes were replaced by steel castings ; new brackets for friction box put on boom ; one lower keeper hinge repaired ; the boom stay and two lower spud wires renewed. New side planking and frames ; new bilge kelsons put in ; hog frame braces strengthened with plates ; blocking for pillow block of 6 ft. sheave in hold renewed ; forward cross-beam put in ; new deck and covering board. Most of the heavy repairs were done in winter, and for this purpose the dredge was hauled out in the fall of 1902.

Dredge No. 2.—Large eye of main friction driving belt reformed so as to clear friction surface ; link motion and crossheads of main engine refitted ; new joint made between head and frame on port cylinder, main engine ; new wood lagging put on cylinders, of main engine ; gland of thrust cylinder bushed and re-bored ; main engine piston rods returned ; glands of main engine bushed and re-bored ; rings of piston in electric light engine renewed ; new pin put in valve rod of electric light engine ; crank discs of winch engine refitted ; four capstans lifted and relined throughout ; new pivot casting for foot of boom ; studs in friction box renewed ; loose rivets in dipper handle replaced by new ones ; new cap put on A frame ; safety valves re-ground and collars put in to stiffen the springs ; boiler furnaces re-riveted at flanges ; forty-four new tubes put in boiler ; three new stay bolts put in furnace end of boiler by order of boiler inspector ; brackets of inside belt of backing rigging re-riveted ; both back stays for A frame renewed ; one part of boom stay replaced ; two new plungers, one new crosshead and one new gland put on small pump.

Dredge No. 3.—Six foot sheave renewed at foot of boom ; six foot sheave in hold replaced by new one in two halves ; idler sheave on boom for carrying hoisting wire renewed ; sheave in hold for carrying backing chain renewed ; iron gear for swinging engine replaced by a cast steel one ; valve seats of small pump renewed ; piston rods of main engine re-turned ; piston of main engine refitted ; bushed and re-bored glands of main engines ; repaired top keeper on port side ; new flange put on exhaust pipe of swinging engine ; repairs done to main steam pipe ; all loose rivets in arm and boom replaced ; crank shaft bearing of stern winch rebabbitted. The forward and stern crossbeams of dredge were repaired by putting plates on side ; the forward and stern braces to hog frames were repaired by plates ; deck was patched up. Most of the heavy repairs were done in winter, and for this purpose the dredge was hauled out in the fall of 1902.

Dredge No. 4.—Port cylinder re-bored and new piston made for main engine ; link motion was all refitted ; new rings put in piston of electric light engine ; slide valve of electric light engine refaced ; new key put in crank discs of swinging engine ; new fibre put on driving belts of backing drum and stern anchor drum ; dipper handle was re-riveted.

Derrick No. 1.—Bearings of hoisting drum were rebabbitted ; caps of bearings of trip drums were rebabbitted ; complete set of new operating valves were built for the thrust cylinders ; drain cocks were put in covers of thrust cylinders ; dowels in crank pins, main engine, were renewed ; new pins were put in forked end of connecting rods on the swinging engines ; intermediate gear had new key ; exhaust pipe of swinging engine had a new flange put on at the cylinder ; steam pipe, swinging engine, had a new 2 inch globe valve at boiler ; the rocking pattern of grate bars were taken out and old style of stationary bars installed ; head sheet flanging of boiler was recaulked ; put in new baffle plate in smoke box ; new liner put on door of smoke box ; shaft of forward spud drum was found cut, so gear was bored out and babbitt cast around shaft. Some new side frames put in hull ; slight repairs done to deck.

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Derrick No. 3.—Link blocks were all overhauled and refitted ; new gear was put on hoisting drum ; bushings on shaft of trip drum had dowel pins fitted to keep them from turning ; trip drum bearings were rebabbitted ; complete set of new operating valves were built for thrust cylinders ; exhaust pipe of main engine was renewed ; the bearings of swinging engine drum were rebabbitted ; the bearings of intermediate shaft, swinging engine, were rebabbitted ; piping of swinging engine refitted ; head sheet around flanging in smoke box recaulked ; patch out on shell in smoke box ; new baffle plates put in smoke box ; tubes expanded in firebox end of boiler ; new lining put on furnace door ; the rocking pattern of grate bars replaced by old style of bars ; safety valves re-ground ; new try cocks were put on boiler ; collars were put on shaft of stern anchor drum to keep drum from shifting ; both capstans were lifted and plates on deck bushed with bronze bushes.

Derrick No. 4.—Complete set of new operating valves were built for thrust cylinders ; drain cocks were put in covers of thrust cylinders ; steam pipe of main engine was refitted ; forked end of connecting rods, swinging engine, had new pins ; pistons of the swinging engine were refitted ; gears of swinging engine were lined up so as to mesh properly ; new globe valve was put on steam pipe at boiler ; exhaust for swinging engine was changed and put above ; furnace door had new lining ; new try cocks and pit cock at bottom of water column of boiler ; bevel gear on anchor shaft was refitted ; casting on starboard side, holding leg of A frame to hull, was renewed ; the bolting through the spud slide and the casting for the foot of the A frame on the port side was overhauled and plates put on where bolts were sinking into wood.

Derrick No. 5.—Complete set of operating valves for thrust cylinder put in ; piston of main engines refitted with new rings ; gears of swinging engines lined up and made to mesh properly ; patch put on the shell of smoke box ; new liner put on furnace door ; electric light engine overhauled ; boiler was recovered with asbestos covering. Front deck was repaired.

Derrick No. 6.—Bearings of trip drum were rebabbitted ; complete set of new operating valves were built for thrust cylinders ; put in drain cocks in covers of thrust cylinders new key in bevel gear anchor drum shaft ; new pins put in forked end of connecting rods of swinging engine ; pistons of swinging engine refitted ; new key put in intermediate gear of swinging engine ; new pins put in socket of valve spindle of throttle valve ; new key put in pinion on crank shaft ; put patch on shell in smoke box ; some tubes re-expanded ; safety valves reground ; new try cocks put on boiler ; new lining put on furnace door ; new grate bars put in ; main clutches of anchor drums were lined up ; all anchor drums lifted and lined up. New forward slides put in for 21 x 27 inch spuds ; new A frame put up ; deck and hull were repaired where rotten. Derrick hauled out in fall, for winter repairs, on Commissioner's hauling out slip at Guard Pier.

Tug Aberdeen.—Bushes of high pressure valve chest rebored and new valve put in ; cast bronze around main valve spindle ; new spindle put in for cut-off valve ; pistons taken out and new rings put in valves and new set screws put in plungers ; both cylinders were logged with wood similar to Mackay ; part of suction pipe for injector renewed ; new smoke stack and hood put on ; coal bunkers were scraped painted and lined with wood ; smoke box of boiler was repaired where plating was bad ; engines of steering gear was thoroughly overhauled and new sprocket and chain put on ; brackets with rollers were placed for tiller ropes at places where wires tend to cut bulkhead ; new stem was put in throttle valve ; new spindle and valve put in one safety valve. Rail of tug was patched ; small repairs done to wheelhouse.

Tug Robert Mackay.—The high pressure piston was refitted and ground ; horse shoes of thrust block were rebabbitted on the go-ahead side ; new key put in high pressure eccentrics ; new throttle valve put in with bevelled seats ; oil pipes for crank pin put in so as to oil while engine was in motion ; air pump thoroughly overhauled, 48 new valves put in and 15 springs ; all leaky joints of boiler were re-caulked ; a number of leaky rivets in fire box were upset ; plunger of feed pump was found to be cracked, put

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in new one of brass ; a positive oil feed pump were put in to replace lubricator of main engine ; lubricator of air pump was moved up to engine room ; steering gear was throughly overhauled. Rail of tug was patched up.

Tug St. Peter.—The tug *St. Peter*, which was built in the winter of 1874-5, was hauled out in the fall of 1902 and was built almost entirely new. The hull was entirely new except the keel and stern-post. The engine was all renewed except main framing, cross-head connecting-rod and crank shaft. A new Fitzgibbon boiler was put in, a new steam steering gear was installed.

Drill boat.—Large pump had new valve rod and glands ; both small pumps were thoroughly overhauled ; a small engine of blacksmith's forge was repaired ; all the drills were overhauled and repaired where necessary ; large boiler had new ash pan and new lining for door ; small boiler had new tubes and crown sheets ; both boilers had new grate bars ; speed engines were overhauled and the valve-seats re-bored and new valves made ; safety valves were re-ground. Deck under large and small boilers was renewed ; blocking under pumps was renewed ; roof was repaired.

Appended are tables giving additional particulars of the dredging work and dredging plant in 1903.

Yours respectfully,

JOHN KENNEDY,
Chief Engineer.

HARBOUR DREDGING.

STATEMENT showing particulars of cost of working the different vessels employed in Harbour Dredging in 1903.

Vessels.	Repairs and Mainten- ance.	Fuel.	Wages of Crews.	Proportion of Salaries of Staff.	Estimated Depreciation of Plant.	GRAND TOTALS.		Service, Days or Nights.	Cost per Day or Night.
						Cost.	Total Cost.		
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Dipper dredge No. 1.....	13,097 55	3,058 77	7,995 01	765 85	1,360 62	26,277 80	.....	363	72 39
" No. 2.....	7,014 62	2,623 53	6,067 98	513 91	1,402 29	17,622 33	.....	261	67 51
" No. 3.....	13,358 07	4,070 30	8,156 31	815 99	1,599 31	27,999 98	.....	371	75 47
" No. 4.....	6,156 55	2,808 91	6,523 07	546 44	2,704 93	18,739 90	.....	288	65 06
Totals.....	39,626 79	12,561 51	28,742 37	2,642 19	7,067 15	.....	90,640 01	1,283	70 64
Floating derrick No. 1.....	1,388 41	1,696 63	6,263 61	326 34	753 04	10,428 03	.....	343	30 40
" No. 3.....	2,077 02	1,825 59	6,345 61	361 63	1,060 31	11,670 16	.....	346	33 72
" No. 4.....	2,773 22	1,555 58	6,180 62	338 69	514 03	11,362 14	.....	351	32 37
" No. 5.....	3,161 79	640 77	4,990 38	280 10	516 88	9,589 92	.....	170	56 41
" No. 6.....	5,340 34	1,708 72	6,355 40	417 74	496 17	14,318 37	.....	344	41 62
Totals....	14,740 78	7,427 29	30,135 62	1,724 50	3,340 43	.....	57,368 62	1,554	36 91
Tug Robert Mackay.....	1,740 73	4,949 34	4,886 11	388 90	1,362 55	13,327 63	.....	455	29 29
" Aberdeen.....	3,076 21	4,677 59	4,784 91	405 56	955 62	13,899 89	.....	455	30 55
" St. Peter.....	803 01	1,321 84	2,115 13	147 73	598 79	5,076 50	.....	200	25 38
" St. Louis.....	946 84	1,229 15	1,919 49	122 79	1 19	4,219 46	.....	193	21 87
" Courier.....	182 90	361 57	1,345 17	61 42	160 09	2,111 15	.....	223	9 46
Tugs Dunbar and Nasmith.....	3,108 82	1,051 83	1,700 40	177 67	.....	6,071 45	.....	216	28 10
Totals.	9,948 51	13,591 32	16,751 21	1,304 07	3,078 24	.....	44,673 35	1,742	25 64
Scows and sundry plant.	26,995 63	32 24	.....	1,254 97	5,771 44	.....	34,054 28	.....	.....
Grand totals.....	91,311 66	33,612 36	75,629 20	6,925 73	19,257 26	.....	226,736 26	.....	.....

List of Harbour Commissioners' Dredging Plant, 1903.

Description of Vessel.	HULL.				ENGINES.					Capacity of Bucket.	Depth to which Dredge can work.	Remarks.	
	Length.	Breadth.	Depth.	When Built.	Kind of Engine.	No. of Cylinders.	Dia. of Cylinders.	Length of Stroke.	Pressure of Steam.				
													Ft. in. over all.	Ft. in. Beam.	Ft. in. over all.	Inches.	Inches.
<i>Dredges.</i>													
Boom Spoon Dredge, No. 1.....	90 0	36 0	9 6	1890-1	} Horizontal non-condensing.	2	16	18	110	7	40	Wooden hull.	
" " No. 2.....	90 0	36 0	10 3	1892		2	16	18	128	7	40	"	
" " No. 3.....	90 0	36 0	10 3	1894		2	16	18	120	7	40	"	
" " No. 4.....	90 0	36 0	10 9	1900		2	16	18	140	7	40	Steel hull.	
<i>Derricks.</i>													
Clam Shell Derrick, No. 1.....	76 0	27 6	8 0	1899	} Horizontal non-condensing.	2	12	14	110	.....	.....	Wooden hull.
" " No. 3.....	76 0	27 6	8 0	1900		2	12	14	110	.....	.....	"
" " No. 4.....	75 0	26 10	7 6	1892		2	12	14	110	.....	.....	"
" " No. 5.....	75 0	26 10	7 6	1892		2	12	14	110	.....	.....	"
" " No. 6.....	75 0	26 10	7 6	1892		2	12	14	110	.....	.....	"
Drilling and Blasting Boat.....	80 0	27 0	5 6	1895	.....	.....	.....	.....	110	.....	.....	Three 5-in. steam drills rebuilt.
<i>Tug Boats.</i>													
Tug St. Louis.....	67 6	15 0	8 7	1875	} Vertical non-condensing.	1	16	20	72	.....	.....	Wooden hull rebuilt 1902.
" St. Peter.....	71 6	16 6	8 6	1875		1	20	22	135	.....	.....	"
" Courier.....	36 9	9 3	6 2	1900		1	10	12	125	.....	.....	Composite hull.
" Aberdeen.....	79 3	18 3	9 0	1895	} Vertical condensing.	1	16	24	125	.....	.....	Steel hull.
" Robt. Mackay.....	81 9	17 6	10 0	1899		1	32	24	140	.....	.....	"
Testing Boat.....	{ 73 3	14 0	Over all	1897	.....	.....	.....	.....	.....	.....	.....	{ Two wooden scows, braced 16 ft. apart.

HARBOUR DREDGING.
STATEMENT showing the number of days worked by each Dredge and the quantity dredged at each place in the Harbour of Montreal in 1903.

Dredges.	Place at which Dredging was done.	TIME OF SERVICE.		QUANTITY DREDGED.		Character of Soil.
		Days.	Total.	Cubic Yards.	Total Yards.	
Dredge No. 1...	Windmill point cribs, sections 7s to 11s.....	41		24,367		Chiefly blasted rock with small proportion unblasted.
	" basin, sections 7 to 11 and 7s to 11s.....	251		160,331		Partly blasted and part solid rock and cleaning up.
	Basin between canal and Alexandra pier, sections 12 to 14.....	7		8,350		Hardpan and rock.
	Shoal between Mackay and Alexandra piers, sections 12s and 14s.....	43		33,042		Silt, stones and hardpan.
	Crib seats, sections 23.....	18		8,850		Hardpan and cleaning up.
	Ship channel, sections 22 to 39.....	3	363	1,800	236,740	Coarse gravel and stones, some silt and clay.
" No. 2...	Windmill point cribs, sections 7s to 11s.....	19		20,604		Chiefly blasted rock, with small proportion unblasted.
	" basin, sections 7 to 11 and 7s to 11s.....	38		41,050		Partly blasted and part solid rock and cleaning up.
	Basin between canal and Alexandra pier, sections 12 to 14.....	2		1,238		Hard pan and rock.
	Shoal between Mackay and Alexandra piers, sections 12s to 14s.....	92		58,153		Silt, stones and hard pan.
	Military basin, sections 20 and 21.....	5		4,050		Old cribs and debris.
	Ship channel, sections 22 to 39.....	59		51,750		Coarse gravel and stones, some silt and clay.
	Maisonnette, sections 46 and 47.....	46		33,000	209,845	Silt and sand.
" No. 3...	Windmill point cribs, sections 7s to 11s.....	15	261	7,800		Chiefly blasted rock, with small proportion unblasted.
	Shoal between canal and Alexandra pier, sections 12s to 14s.....	5		2,100		Silt, stones and hard pan.
	Shoal between Mackay and Victoria piers, sections 20a and 20b.....	32		17,100		Silt and stones.
	Ship channel, sections 22 to 39.....	312		194,925		Coarse gravel and stones, some silt and clay.
	Maisonnette, sections 46 and 47.....	7	371	6,000	227,925	Silt and sand.
" No. 4...	Windmill point cribs, sections 7s to 11s.....	13		2,848		Chiefly blasted rock, with small proportion unblasted.
	" basin, sections 7 to 11 and 7s to 11s.....	110		65,121		Partly blasted and partly solid rock and cleaning up.
	Shoal between Mackay and Alexandra piers, sections 12s to 14s.....	51		49,931		Silt, stones and hard pan.
	Shoal between Mackay and King Edward piers, sections 15s and 16s.....	7		5,400		" " "
	Shoal between Mackay and Victoria piers, sections 12s to 14s.....					" " "

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tions 20a and 20b.....	15					Silt and stones.
Ship channel, sections 22 to 39.....	84			8,850		Coarse gravel and stones, some silt and clay.
Maisonnette, sections 46 and 47.....	8		288	52,200	180,000	Silt and sand.
				4,650		
Grand total.....			1,283		854,510	

HARBOUR DREDGING.

STATEMENT showing cost of Harbour Commissioners' Dredging by different dredges, with their proportion of tug and scow service for 1903.

Vessels.	DREDGE SERVICE.	TUG SERVICE.	SCOW SERVICE AND SUNDRIES.	DREDGE WITH TUG AND SCOW SERVICE ADDED.		TIME OF SERVICE	Cost per Working day of Dredge.		QUANTITY DREDGED.	Average cost per cubic yard.		Additional cost for unloading by derricks.		PROPORTION OF MATERIALS DREDGED.	
	Cost.	Proportion of Cost.	Proportion of Cost.	Cost.	Cost.	Days or Nights.	\$	cts.	Cubic yards.	cts.	cts.	cts.	cts.	Earth.	Rock.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.									p. c.	p. c.
Dipper dredge No. 1	26,277 80	12,639 49	9,635 02	48,552 31	48,552 31	363	133	75-2	236,740	20·50	6·77	6·77	13	87	
" "	17,622 33	9,087 85	6,927 62	33,637 80	33,637 80	261	128	88—	209,845	16·03	6·77	6·77	56	44	
" "	27,999 98	12,918 04	9,847 34	50,765 36	50,765 36	371	136	83-3	227,925	22·27	6·77	6·77	96	4	
" "	18,739 90	10,027 97	7,644 30	36,412 17	36,412 17	288	126	43-1	180,000	22·29	6·77	6·77	49	51	
Totals and averages.....	90,640 01	44,673 35	34,054 28	169,367 64	169,367 64	1,283	132	00-8	854,510	19·82	6·77	6·77	53	47	

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APPENDIX No. 9

REPORT OF THE PILOTAGE AUTHORITY OF QUEBEC FOR THE YEAR
ENDING DECEMBER 31, 1904.

QUEBEC, January 18, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to transmit you, herewith, in duplicate the commissioner's report as pilotage for the year 1904, as also the various statements containing the information yearly conveyed to your department.

Yours respectfully,

JAS. WOODS,
Secretary-Treasurer.

QUEBEC HARBOUR COMMISSIONERS' REPORT AS PILOTAGE AUTHORITY
FOR THE YEAR 1904.

(Under 36 Victoria, Chapter 54, Section 22.)

QUEBEC, January 2, 1905.

To the Honourable RAYMOND PRÉFONTAINE,
Minister of Marine and Fisheries, &c., &c., &c.,
Ottawa.

SIR,—In compliance with the requirements of 'The Pilotage Act' 36 Victoria, chapter 54, section 22, I have the honour to submit the following report from the Quebec Harbour Commissioners as pilotage authority, for the year 1904.

SERVICE OF THE PILOTAGE STATIONS.

The operations of the year began on April 16, when the pilot schooner *La Vigie* left with four pilots on board.

On April 28 the pilot schooner *La Mouette* left with five pilots for the pilotage station.

Since then the pilotage station has been supplied with pilots during the season through the Intercolonial Railway and the pilot schooners.

OLD PILOTS.

Previous to the opening of navigation all the old pilots, nine in number who had attained the age of sixty-five years and over, were summoned before the commissioners under the authority of the 32nd section of the 'Pilotage Act' in order to ascertain whether they were capable of performing their duties as pilots for another year. Eight of them were found to be competent and their branches were accordingly renewed for another year. One pilot whose eyesight certificate was not satisfactory had the leave of absence granted him in 1903 renewed for another year.

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SUPERANNUATIONS.

Two pilots have been placed on the pension list during the year 1904, viz. :—Jos. Gravel and Jean Evariste Adam.

Mr. Gravel had been piloting for 49 years, and retires from the service with a very good record.

Mr. Adam has had 34 years of service and leaves it with a clear record.

DEATHS.

Four pilots have died during the year, namely :—

Paul Paquet, jr., April 9.

Napoléon Pouliot, May 29.

Joseph Pouliot, July 4.

Jean-Baptiste Patoine, November 4.

Pilot Paul Paquet, jr., was admitted in 1881, pilot Napoléon Pouliot in 1888, pilot Joseph Pouliot in 1863, and pilot Jean-Baptiste Patoine in 1875.

The commissioners are pleased to have to place it on record that, not a complaint or casualty stains the records of those four pilots during their long and honourable term of service.

TRIALS.

During the season of 1904, complaints have been lodged by ship masters or their agents against four pilots. In two of the cases, that is in regard to the complaints lodged against the pilots of the *ss. Verax* and *Athenia*, the cases were withdrawn from the jurisdiction of the commissioners by the Honourable the Minister of Marine and Fisheries under the provisions of the amendments recently made to the Shipping Casualties Act of 1901, and dealt with by an official of the Department of Marine and Fisheries.

In the other two cases, the pilots were found guilty, one of them being dismissed from the pilotage service and the other fined \$100.

Three complaints were lodged against pilots for neglecting to report accidents to the vessels in their charge, according to the provisions of the pilotage by-law No. 13.

One complaint was dismissed for want of proof. Another was withdrawn upon satisfactory explanations being given and in the third case the pilot was fined \$10.

A statement annexed to this report conveys all the particulars as to the nature of the complaints and the result of the investigations.

ADMISSION OF APPRENTICE PILOTS.

Fourteen apprentice pilots who had completed their apprenticeship term of seven years, have received their branches, and have been placed on the active list of pilots, after passing highly creditable examinations before the commissioners, assisted by a number of the most experienced pilots, and by Capt. Salmon, late of the Department of Marine and Fisheries, Ottawa, as nautical Examiner and Examiner in seamanship.

Their names according to their order of seniority are as follows :—Joseph Delisle, Jules Lachance, Auguste Santerre, Arthur Larochelle, Raoul Lachance, William Langlois, Ernest Bernier, Arthur Baquet, Jules Lamarre, George Larochelle, Adelard Delisle, Pierre L. Lachance, Alexandre Larochelle, Joseph A. Dupil.

COMPLAINTS AGAINST PILOTAGE SERVICE.

Complaints of delay in getting their pilots at Bic during the month of November last have been made by the masters of the *ss. Bjorgvin*, *Heros*, and *Cape Breton*.

The commissioners have been carefully inquiring into the justness of those complaints, and at their last pilotage meeting held on December 29, examined the log book of the pilotage schooner, and heard the evidence of the captain then in charge as

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to the reason of the detention to those vessels. No conclusion was arrived at, as the commissioners wished to have the evidence of the crew of the pilot schooner, and therefore postponed consideration until another meeting, when those witnesses would be summoned to attend.

Outside of those complaints, the commissioners would repeat the recommendation that they made last year, that is, that they consider the present schooner and boat service is altogether inadequate for the present needs, and should be at once replaced by a proper steam tender service.

The commissioners would also respectfully again submit for the consideration of the Honourable the Minister of Marine and Fisheries a copy of the report made in July last by a special committee of their board, who had carefully examined into this question and a copy of the resolution passed by the commissioners endorsing this report.

PILOTAGE EARNINGS.

According to a return received from the secretary-treasurer of the Corporation of Pilots for and below the harbour of Quebec, their gross earnings for the season have been \$109,597.28 and the total expenses \$22,407.23, leaving a net balance of \$87,190.05 to be divided among the pilots on the active list, giving them earnings of \$820 each.

Out of the sum of gross earnings of \$109,597.28, British vessels gave a return of \$109,225.73 and foreign vessels \$371.55.

DIRECTORS OF THE CORPORATION OF PILOTS.

At the annual meeting held on December 10 last, the pilots elected the following directors to their corporation for the ensuing year, viz.: Alfred Larochelle, Joseph H. Talbot, Alfred Raymond, Onesime Larochelle, Alphonse Pouliot and Samuel Rioux, and at the subsequent meeting held on December 12, Mr. Alfred Larochelle was elected president.

Annexed to the present report are the various statements not herein alluded to which contain all the information yearly conveyed to your department by the commissioners in their capacity of the pilotage authority.

I have the honour to be, sir,
Your most obedient servant,

JAS. WOOD,
Secretary-Treasurer.

QUEBEC, July 25, 1904.

Messrs. the Quebec Harbour Commissioners,
Quebec, P. Q.

SIRS,—Your committee beg to report that after hearing the evidence of several pilots, the captain of the Rimouski mail tender *Rhoda* and others, and the opinions of the representatives of shipping interest at Montreal as well as at Quebec, they are of the opinion that the pilot station at Bic and the schooner service provided by the Corporation of Pilots for the Lower St. Lawrence has become unsuited to the requirement of the pilot service, owing to the changed character in the trade in the 40 odd years which have elapsed since its establishment.

This is also abundantly proved by the fact that regular ocean liners, trading to the St. Lawrence, have not embarked or landed their pilots at Bic for many years past. Father Point being a promontory and the telegraph station, steamers prefer to embark and disembark their pilots there, rather than to run the risk of delay in finding the pilot schooner off Bic. They consequently have paid an extra charge at Father Point rather than proceed to Bic.

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We would therefore recommend ; that the Corporation of Pilots be authorized to discontinue their Bic station and schooners, in so far as the service of steamers is concerned, and in place of these establish a steam tender service from Rimouski or Father Point ; and, that the Federal Government be requested to have the steamers arriving from sea boarded by the quarantine doctor, at the same time as the pilot, and where no illness exists, receive clearance, and so avoid the risk and delay involved in stopping all steamers at Grosse Isle. In the event of their being any infectious disease on board, vessels to be sent to Grosse Isle for clearance as at present.

Until such time as the changed service has become established and proved capable of providing for the requirements of sailing vessels as well as steamers, one schooner to be maintained at Bic.

Yours respectfully,

(Sgd.) W. M. MACPHERSON,
 " HAROLD KENNDY,
 " J. B. LALIBERTÉ,

QUEBEC, January 2, 1905.

EXTRACT from the minutes of a meeting of the Quebec Harbour Commissioners held at their office, Dalhousie Street, on Monday the 18th day of August, 1904.

Resolved ; That this board strongly endorse the majority report of the special committee on pilotage stations and direct the secretary to forward copies of both reports to the Department of Marine and Fisheries, Ottawa, and urge upon the minister the immediate carrying into effect of the recommendations made.

JAS. WOOD,
Secretary-Treasurer.

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, on the active list, on December 31, 1904 ; the number who retired, struck off the active list, or died during the year ; the number temporarily suspended ; the number who were unable to serve ; the number in charge of Government steamers, &c.

Number.	Name.	Age.	Residence.	NUMBER OF PILOTAGES EFFECTED.			Casualties and Remarks.
				Inwards.	Outwards.	Moorages.	
1	Charles F. Brown.	78	Quebec.	4	4	2	Not yet passed. Employed Thomson Line. Pres. of Corporation of Pilots.
2	Paul Paquet.	74	St. John, Orleans	4	3	2	
3	George Normand.	75	Crane Island.	3	2	2	
4	Numa Lachance	70	Quebec.	7	9	2	Employed by Dominion Coal Co. & Black Diamond Line. Died on July 14, 1904. One of the Directors of Corp. Pilots.
5	Joseph Paquet	68	"	0	0	0	
6	Louis Ed. Morin.	67	"	11	10	1	
7	Moïse Lachance.	68	St. John, Orleans.	2	3	1	Employed by Black Diamond Line. Captain of Pilot Boat and Station at Saguenay.
8	Hubert Raymond	66	Quebec.	11	10	1	
9	Joseph Pouliot	62	"	0	0	0	
10	Edmond Larochele.	62	St. Michel	1	2	0	Employed by Black Diamond Line. Employed by Black Diamond Line.
11	Laurent Godbout.	62	St. Laurent, Orleans	3	4	2	
12	Adelme Pouliot.	66	"	4	3	2	
13	Bth. Pepin dit Lachance.	60	St. John	15	17	1	One of the Directors of Corp. of Pilots. Employed by C. P. R. SS. A. Lines.
14	F. X. Delisle	60	Quebec.	9	8	1	
15	D. E. Boulanger.	62	Tadousac.	1	1	1	
16	Cyprien Langlois	61	St. John, Orleans.	3	2	2	Thomson Line. Allan Line. One of the Directors of Corp. of Pilots [elected at last election.
17	Charles Normand.	59	Quebec.	19	20	1	
18	Napoléon Rioux	60	Ste. Petronille, Orleans	8	8	1	
19	J. B. Tremblay	62	Quebec.	0	0	0	Employed by Quebec Steamship Co. Office keeper. Employed by Allan Line. One of the Directors. Corp. of Pilots. Employed by Holme Line.
20	R. Baquet dit Lamontagne	60	Notre Dame, Lévis.	15	14	1	
21	F. X. Lamarre.	59	St. Valier	2	5	1	
22	Moïse Pouliot.	57	St. John, Orleans.	5	1	1	Employed by Black Diamond Line.
23	Paul Gobeil.	59	"	4	4	2	
24	C. A. Raymond.	57	Chateau Richer.	2	5	1	
25	Victor Vézina	60	Quebec.	12	15	1	Employed by Black Diamond Line.
26	Onésime Larochele.	58	St. Michel, Bellechasse.	17	17	1	
27	Arbel Bernier.	60	"	3	4	1	
28	Louis R. Demers.	59	Quebec.	15	15	2	One of the Directors of Corp. of Pilots.
29	Vital E. Chamberland.	65	"	0	0	0	
30	Joseph G. Dupil.	58	"	20	17	1	
31	Joseph Fortier.	61	St. John, Orleans.	0	0	0	Employed by Black Diamond Line.
32	Hector Lachance.	60	"	4	10	1	

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33	C. Audet dit Lapointe	60	St. Michel, Bellechasse	3	3	2	Employed by Black Diamond Lin.
34	Joseph Lapointe	62	St. Laurent, Orleans	4	3	2	
35	Pierre Pepin dit Lachance	56	Montreal	14	14	1	
36	Isiode Noël	55	St. John, Orleans	4	3	2	Sick all the season.
37	J. E. Adam	61	Trois Saumons	0	0	0	Employed by C. P. R. SS. A. Line.
38	Alfred Laroche	55	St. Michel, Bellechasse	15	14	1	[Pilots at last election.
39	I. Corriveau	58	Quebec	4	4	1	
40	Elzéar Godbout	57	"	16	18	1	Black Diamond Line.
41	Pierre Gobeil	57	St. John, Orleans	3	4	2	
42	T. Pepin dit Lachance	60	Montreal	11	12	1	
43	A. T. Simard	54	St. Joseph, Lévis	13	18	1	Head Line.
44	J. B. Patoine	54	Montreal	0	0	0	Died on November 16, 1904.
45	Narcisse Lavoie	56	St. Luce, Rimouski	4	4	2	
46	J. E. Couillard	54	Quebec	5	4	2	
47	L. A. Royer	60	"	10	11	1	Employed by Intercolonial Coal Co.
48	Onésime Noël	53	St. John, Orleans	13	13	1	Thomson Line.
49	M. Baillargeon	55	Quebec	4	3	2	
50	F. X. Demeules	53	St. John, Orleans	7	10	1	Manchester Line.
51	L. H. Lapierre	55	Notre Dame, Lévis	5	4	1	
52	J. E. Lachance	51	Quebec	8	9	1	French Line.
53	D. A. Bouffard	51	St. Laurent, Orleans	4	3	1	
54	J. T. St. Laurent	54	Quebec	20	21	1	Dominion Line.
55	J. G. Dugas	53	St. Joseph, Lévis	6	4	2	Black Diamond Line.
56	J. V. Gourdeau	58	St. Petronille, Orleans	5	6	1	Carbray Son & Co.
57	L. T. Delisle	51	Trois Pistoles	5	2	1	
58	J. Bte. Couillard	54	Cap St. Ignace	2	5	2	Suspended to November 30, 1904.
59	Chs. Pelletier	55	St. Michel, Bellechasse	3	4	2	
60	Nazaire Delisle	56	Quebec	0	0	0	
61	J. E. Bonnaventure Lavoie	53	St. Luce, Rimouski	4	3	2	Employed by Manchester Line.
62	Adjutor Baillargeon	51	Quebec	8	10	1	Allan Line. One of the Directors of Corp. of Pilots
63	Samuel Rioux	52	"	16	21	1	Black Diamond Line. [elected at last election.
64	C. O. Clavet	51	St. Michel, Bellechasse	13	13	1	
65	Paul Lachance	49	Quebec	20	18	1	Allan Line.
66	Arcadius Jourin	47	St. Luce, Rimouski	4	3	2	
67	Paul Lachance	50	St. John, Orleans	15	11	1	Leyland Line.
68	Joseph Pouliot	49	"	8	15	1	"
69	Joseph Laroche	48	St. Michel, Bellechasse	4	2	1	
70	Adjutor Lachance	47	Quebec	7	17	1	C. P. R. SS. A. Lines.
71	F. Gaudreau	54	"	12	12	1	Moss. Line.
72	Arthur Koenig	54	L'Islet	7	5	1	Carbray Son & Co.
73	Eugène Anctil	46	St. Anne, Lapocatière	1	0	0	Captain Pilot Boat.
74	David Dumas	52	Notre Dame, Lévis	4	2	2	
75	Joseph Lachance	51	St. Laurent, Orleans	13	12	1	Employed by Black Diamond Line.
76	Aph. Pouliot	53	Chateau Richer	3	4	2	One of the Directors of Corp. of Pilots elected at last election.
77	E. Normand	46	Cap St. Ignace	3	4	1	
78	J. Bte. Bernier	46	L'Islet	15	15	1	Employed by Donaldson Line.
79	J. Baquet	44	St. John, Orleans	14	14	1	"
80	J. A. Lachance	43	Quebec	5	4	1	Black Diamond Line.

STATEMENT showing the number of Pilots for and below the Harbour of Quebec, &c.—Continued.

Number.	Name.	Age.	Residence.	NUMBER OF PILOTAGES EFFECTED.			Casualties and Remarks.
				Inwards.	Outwards.	Moorages.	
81	Art. Baillargeon.....	48	Quebec.....	12	13	0	Employed by Black Diamond Line,
82	Joseph Vézina	44	St. Laurent, Orleans.....	3	4	2	
83	Herm. Guenard.....	47	St. Thomas, Montnagny.....	4	4	2	
84	Elzéar Desrosiers.....	52	Quebec.....	4	3	2	Master of Red Island Lightship.
85	J. A. Irvine.....	49	Green Island.....	0	0	0	
86	F. Bouffard.....	48	St. Laurent, Orleans.....	5	2	1	
87	Jules Asselin.....	44	Bienville, Lévis.....	2	5	2	
88	P. Marmen	46	Beauport.....	5	1	2	
89	Lucien Lachance.....	44	Quebec.....	14	13	0	Employed by Thompson Line.
90	Camille Bernier.....	47	"	17	21	1	" Dominion Line.
91	Moise Blouin.....	54	St. John, Orleans..	3	5	2	" Carbray Son & Co.
92	Moise Godbout.....	45	Quebec.....	6	6	1	
93	Alf. Gaudreau.....	52	Cap St. Ignace... .	4	2	1	
94	Alf. Raymond.....	44	Quebec.....	0	0	0	One of the directors of Corp.of Pilots, re-elected at last election.
95	P. Lachance.....	45	St. John, Orleans	13	13	1	
96	J. H. Talbot.....	43	Berthier.....	0	0	0	" "
97	Moise A. Lachance	42	St. John, Orleans.....	4	2	1	
98	L. F. Thivierge.....	39	"	4	3	2	
99	J. E. Lachance.....	39	"	3	4	2	
100	Alp. Asselin.....	40	Quebec	1	0	0	Employed by Black Diamond Line.
101	Ed. Larochele.....	39	St. Michel, Bellechasse	15	11	0	Captain of Pilot Boat.
102	Joseph Plante.....	39	St. Paul Bay.... .	3	4	2	Employed by C.P.R. SS. A. Lines.
103	Alp. Paquet.....	39	Quebec	10	10	2	" Black Diamond Line.
104	Nap. Pouliot.....	46	St. John, Orleans.....	0	0	1	" Carbray Son & Co.
105	Ad. Bernier.....	44	Quebec	12	13	0	Died on May 29, 1904.
106	Ad. Vézina.....	35	St. Michel, Bellechasse.....	5	1	1	Employed by C.P.R., SS. A. Lines.
107	J. B. Pouliot.....	35	St. John, Orleans.....	15	15	2	
108	J. Thivierge.....	36	"	4	3	1	Employed by Donaldson Line.
109	L. Lachance.....	35	"	8	8	2	
110	E. Langlois	43	"	4	4	1	Employed by Black Diamond Line.
111	H. Doiron.....	45	St. Joseph, Lévis.....	5	4	2	
112	Joseph Delisle.....	31	St. John, Orleans.....	2	2	1	Licensed on July 20.
113	Jules Lachance.....	21	Quebec.....	5	3	0	" "
114	Aug. Santerre.....	22	St. Michel, Bellechasse.....	2	2	1	" "
115	Art. Larochele.....	24	"	1	3	0	" " Employed by Carbray Son & Co.

116 R. Lachance.....	24	St. Joseph, Lévis.....	2	2	0	Licensed on July 20.
117 W. Langlois..	25	Quebec, St. Jean.....	1	3	0	"
118 E. Bernier ..	22	St. Michel, Bellechasse.....	2	3	1	"
119 Art. Baquet ..	22	Lévis.....	1	3	1	"
120 Jules Lamarre.....	21	St. Valier ..	2	2	1	"
121 George Larochele.....	26	St. Michel, Bellechasse.....	2	2	1	"
122 Adelard Delisle.....	25	Quebec.....	2	2	0	"
123 P. L. Lachance.....	21	"	6	8	1	Licensed on August 29, 1904.
124 Alex. Larochele.....	21	St. Michel, Bellechasse.....	2	2	1	"
125 J. A. Dupil.....	28	Quebec.....	1	2	1	September 26, 1904.

Employed by Carbray Son & Co.

Certified,

JAS. WOODS,

Secretary-Treasurer.

HARBOUR COMMISSIONERS' OFFICE.
QUEBEC, January, 1905.

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QUEBEC HARBOUR COMMISSION.

STATEMENT of trials held during the year 1904, before the Quebec Harbour Commissioners under the authority of the Pilotage Act, 36 Vic., Chap. 54 and 45 Vic. Chap. 32 Sec. 4.

Name of Pilot Tried.	Nature of Complaint.	Date of Trial.	Result.
D. A. Bouffard.....	Colliding with the ss. <i>Athenia</i> off Point St. Laurent on July 12.		Withdrawn from Commissioners jurisdiction and dealt with by the Dept. of Marine and Fisheries.
J. A. Bernier	Colliding with ss. <i>Verax</i> off Point St. Laurent on July 12.		Withdrawn from Commissioners jurisdiction and dealt with by the Dept. of Marine and Fisheries.
Moïse Lachance.....	Grounding the ss. <i>Tordenskjold</i> on Hare Island Reef Sept. 14.	October 24..	Found guilty and dismissed from the pilotage service.
Alex. Larochelle.....	Grounding the ss. <i>Tordenskjold</i> on White Island Reef Sept. 30.	October 25..	Found guilty and fined \$100.
Moïse Art. Lachance...	Neglect in reporting accident to ss. <i>Truma</i> on Sept. 14 or 15 when in his charge as Pilot.	Sept. 26....	Fined \$10.
Moïse Lachance.....	Neglecting to report accident to the ss. <i>Saphir</i> on July 11 when in his charge as Pilot.	Sept. 26....	Dismissed for want of proof.
Paul Paquet.....	Neglecting to report accident to the ss. <i>Snel</i> on Sept. 5 when in his charge as Pilot.	Sept. 26....	Case withdrawn.

LIST of apprentice pilots immediately under the Quebec Harbour Commissioners Pilotage Authority on December 31, 1904.

Number	Names.	When indentured.	Remarks.
1	George Dugal.....	April 11, 1871	Absent since the fall of 1877.
2	Ernest Nolet.....	March 19, 1874.....	Absent since the fall of 1878.

Certified,

HARBOUR COMMISSIONER'S OFFICE,
QUEBEC, January 2, 1905.

JAS. WOODS,
Secretary-Treasurer.

F. GOURDEAU, Esq.,
Deputy Minister Marine & Fisheries,
Ottawa.

The total amount of receipts received by the Corporation of Pilots for pilotage was.....	\$109,597	28
The total expenditure including the 7% deposited in the Fund.....	22,407	23
	<hr/>	
Leaving a net balance of.....	87,190	05
Giving each a net dividend of.....	\$820	00

All of which is humbly submitted.

THE CORPORATION OF PILOTS.

RECEIPTS.		\$	cts.
To balance of 1903	6,904	54	
To percentage or contribution of pilots.	7,668	53	
To interest on investments.....	4,512	00	
To interest from savings bank.....	268	81	
To St. Fulgence Fabrick, remitted.	500	00	
	19,853	88	
EXPENDITURE.			
By pensions.....	10,134	81	
By relief.....	727	78	
By expenses.....	17	50	
By salaries.....	616	66	
By loan to the Corporation of Pilots....	1,000	00	
By deposits in savings bank.....	7,315	63	
By balance on hand.....	41	50	
	19,853	88	
TO RELIEF.			
Adam, J.E.....	200	00	
Pâquet, Joseph.....	200	00	
Pouliot, Joseph, deceased July 14, 1904.	135	57	
Patoine, J.-Bte, deceased October* 25, 1904.....	192	21	
	727	78	

PENSIONERS AT THE EXPENSE OF THE FUND.	
<i>Amount paid to each during the year from November 1, 1903, to November 1, 1904, inclusive. The whole paid from January 1, 1904 to December 31, 1904.</i>	
<i>Eight Pilots at \$216.</i>	\$ cts.
Couillard, Jos. Philippe.....	216 00
Genest, Edouard	216 00
Pouliot, Joseph, died February 11, 1904.	60 60
D'Amours, Achille.....	216 00
Brown, Joseph.....	216 00
Pouliot, Joseph, jr.....	216 00
Gravel, Joseph, pensioned February 15, 1904.....	153 60
Lachance, Moise, pensioned October 25, 1904	4 11
	1,298 31
<i>One Pilot at \$196.</i>	\$ cts.
Chouinard, Thomas.....	196 00
<i>Two Pilots at \$176.</i>	
Dick, Ovide.....	176 00
Lapointe, Cyrille....	176 00
	352 00

SESSIONAL PAPER No. 23

STATEMENT of moneys received and disbursed by the Corporation of Pilots for the Decayed Pilot Fund of Quebec, &c.—*Concluded.*

RECAPITULATION OF PENSIONS.		\$ cts.	RECAPITULATION OF PENSION.— <i>Con.</i>		\$ cts.
8 Pilots at \$216.....		1,298 31	23 widows at \$116.....		2,551 34
1 " 196.....		196 00	14 " 112.....		1,496 27
2 " 176.....		352 00	9 " 110.....		841 92
1 " 158.....		158 00	8 " 106.....		848 00
1 " 100.....		100 00	9 " 100.....		900 00
—			5 " 96.....		428 77
13 Pilots.			3 " 80.....		118 20
			2 " 68.....		136 00
			4 " 64.....		256 00
			—		
			77 widows.		
			14 chlidren at \$30.....		454 00
					10,134 81
			In all 104 pensioners.		

DR.		\$ cts.	CR.		\$ cts.
RECEIPTS, DETAILS.			By relief and pensions paid during the year 1904 :—		
To balance of 1903.....		6,904 54	By relief.....		727 78
To Trustees of Quebec roads, 1 year's interest to July 1, 1904, on \$22,800 at 6 p.c.....		1,368 00	By arrears of pensions.....		45 50
To debentures of city of Quebec, class B, \$9,000 at 7 per cent.....		630 00	By expenses.....		17 50
To Treasury Department, 1 year's interest to July 1, 1904, on \$20,000 at 5 per cent.....		1,000 00	By quarter ended January 31, 1904.....		2,574 70
To Corporation of Pilots, 1 year's interest on \$2,500 at 4 per cent.		100 00	" April 30, 1904.....		2,501 95
To Church Wardens of St. Fulgence, 1 year's interest on \$1,500 at 5 p.c....		74 00	" July 31, 1904.....		2,542 55
To Church Wardens of St. Valier, 1 year's interest on \$15,000 at 4 p.c....		600 00	" October 31, 1904.....		2,470 11
To Thomas Gray, year's interest on \$2,000 at 5 per cent.....		100 00	By salaries of secretary-treasurer and assistant.....		616 66
To Church Wardens of St. Romuald, 1 year's interest on \$16,000 at 4 p.c....		640 00	By deposits in savings banks.....		7,315 63
To Church Wardens of St. Fulgence, remitted.....		500 00	By loan to corporation of pilots.....		1,000 00
To Savings Banks, 1 year's interest Banque Nationale and Queen Bank.		268 81	By balance on hand.....		41 50
To contributions of pilots.....		7,668 53			19,853 88
		19,853 88	STATEMENT OF FUND.		
			Moneys loaned... ..		89,800 00
			Moneys in savings banks.....		7,315 63
			Moneys on hand.....		41 50
					97,157 13
			Deduct arrears due.....		7 50
			Capital net.....		97,149 63

F. X. DION,
Secretary-Treasurer.

N.B.—We, the undersigned, officially appointed to examine the books and accounts of the Decayed Pilots Fund of Quebec, certify having carefully examined them and found them correct.

J. A. LABRECQUE,
Accountant.

R. PAQUET,
ARTHUR BAILLARGEON,
Auditors.

4-5 EDWARD VII., A. 1905

F. X. DION in current account with the Corporation of Pilots of Quebec to
December 31, 1904.

DR.	\$ cts.	CR.	\$ cts.
To balance of 1903.....	874 90	By expenses pilot boats.....\$	913 21
Reserve fund.....	1,000 00	Less.....	15 00
Pilots' retirement fund.....	2,000 00		898 21
Loan from pilots' fund.....	1,000 00	By pilot boats, <i>La Vigie</i>	229 44
Customs, Montreal.....	56,815 32	Expenses of pilots....	1,028 18
" Three Rivers.....	853 39	General expenses.....\$	1,246 74
" Sorel.....	1,156 27	Less.....	12 52
" St. Thomas.....	173 84		1,234 22
" Tadousac.....	296 84	Provisions.....	1,411 02
" Trois Pistoles.....	69 61	Less.....	3 00
Interest, Banque Nationale.....	133 92		1,408 02
Fines.....	420 00	Rent.....	479 13
Lost time ..	652 08	Less.....	50 00
Pilotage collected at Quebec.....	50,232 01		429 13
		Seamen's wages.....	1,395 40
		Cook's wages.....	484 16
		Indemnity to directors.....	600 00
		" captains.....	285 00
		" Saguenay station....	115 86
		Pilot boat shares.....	3,500 00
		Interest paid on loans.....	100 00
		Legal advisers.....	139 19
		Insurance ..	142 35
		Pilotage remitted.....	1,099 54
		Salaries of employees....	1,650 00
		Reserve fund.....	1,000 00
		Decayed pilots' fund.....	7,668 53
		Dividends.....	91,779 35
		Balance.....	491 60
	115,678 18		115,678 18

F. X. DION,
Secretary-Treasurer.

N.B.—We, the undersigned, officially appointed to examine the books and accounts of the Corporation of Pilots of Quebec, certify to having carefully examined them and found them correct.

J. A. LABRECQUE,
Accountant.

R. BAQUET,
ARTHUR BAILLARGEON,
Auditors.

SESSIONAL PAPER No. 23

APPENDIX No. 10

REPORT OF THE PILOTAGE AUTHORITY OF ST. JOHN N.B., FOR THE
YEAR ENDING DECEMBER 31, 1904.OFFICE OF PILOTAGE AUTHORITY,
DISTRICT OF ST. JOHN, N.B., January 6, 1905.F. GOURDEAU Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to forward you under same cover, the annual returns for pilotage for this district for the year ending December 31, 1904, which I trust you will find in order.

I have the honour to be, sir,
Your obedient servant,

J. U. THOMAS,
Secretary St. John Pilot Commissioners.

OFFICE of Pilotage Authority, District of St. John, N.B., December 31, 1904.

REVENUE ACCOUNT.		\$	cts.	\$	cts.
Receipts—					
Licenses to 25 pilots at \$5.....			125 00		
" 6 boats at \$10.....			60 00		
				185 00	
25 cents per foot on outward pilotage from port of St. John to date.....			1,956 65		
" " " " " Musquash to date.....			11 75		
				1,968 40	
				2,153 40	
Expenditures—					
Sundries.....			0 81		
Auditing accounts for 1903.			25 00		
J. & A. McMillan, stationery, etc....			22 90		
Office rent, one year to November 1, 1904.....			100 00		
			1,000 00		
Salary Secretary-Treasurer, one year to date				1,148 71	
Amount transferred to Pilot Fund Account.....				1,004 69	
				2,153 40	

J. U. THOMAS,
Secretary.

4-5 EDWARD VII., A. 1905

STATEMENT of Pilot Fund Account for the Year ended December 31, 1904.

DR.	\$ cts.	\$ cts.
To pensions paid three pilots.....	554 38	
" " widows and 3 children.....	1,325 00	
To funeral expenses two pilots..	40 00	
		1,919 38
To balance.....		8,811 94
		10,731 32
CR.		
By balance December 31, 1903.....		9,444 67
By interest on Dominion Savings Bank deposit, 12 months to July 1, 1904, per pass-book No. 744.....	148 80	
Per pass-book No. 10,260.....	133 16	
		281 96
By amount from revenue account		1,004 69
		10,731 32
By balance to credit of pilot fund, December 31, 1904.....		8,811 94

J. U. THOMAS,
Secretary

STATEMENT of Finances, St. John Pilot Commissioners, December 31, 1904.

INVESTMENT ACCOUNT.	\$ cts.	\$ cts.
On deposit, Dominion Savings Bank, per pass-book No. 744.....	5,108 81	
" " " " 10,260.....	3,155 88	
		8,264 69
CURRENT ACCOUNT.		
On deposit Bank of New Brunswick.....		547 25
		8,811 94

J. U. THOMAS,
Secretary.

SESSIONAL PAPER No. 23

PILOTS' Individual Earnings for the year 1904.

	\$	cts.	\$	cts.
Total amount of pilotage received.....	32,550	42		
LESS—25c. per foot from outward pilotage for office expenses, Pilot Fund, &c.	1,956	65		
			30,593	77
Contra.				
Bennett, James.....	1,944	00		
Cline, Richard.....	919	48		
Cline, Alfred.....	294	12		
Cline, Richard B.....	639	05		
Doyle, James.....	1,950	47		
Doherty, Joseph.....	2,278	97		
Lahey, William.....	899	58		
Lahey, Frank L.....	1,882	80		
Miller, James H.....	1,886	61		
Murray, William.....	1,894	63		
Quinn, William.....	1,651	53		
Rogers, Bartholomew.....	1,949	60		
Reed, James.....	309	63		
Spears, James S.....	341	52		
Spears, Henry.....	1,618	25		
Spears, Martin.....	1,364	70		
Scott, William.....	1,495	68		
Scott, Richard.....	331	62		
Stone, Thomas J.....	2,322	47		
Sherrard, John L. C.....	1,894	83		
Thomas, John S.....	1,267	60		
Thomas, Robert.....	260	75		
Traynor, Thomas.....	1,195	88		
			30,593	77

J. U. THOMAS,
Secretary.

LICENSED Pilots, Port of St. John, N.B., for the year 1904.

Name.	Age.	Residence.	Remarks.
Bennett, James.....	47	St. John, N.B.....	
Cline, Richard.....	79	".....	
Cline, Alfred.....	47	".....	
Cline, Richard B.....	34	".....	
Conlin, Patrick.....	54	".....	
Doyle, James.....	67	".....	
Doherty, Joseph.....	58	".....	
Lahey, William.....	75	".....	
Lahey, Frank L.....	33	".....	
Miller, James H.....	27	".....	
Murray, William.....	30	".....	
Quinn, William.....	57	".....	
Rogers, Bartholomew.....	47	".....	
Reed, James.....	58	".....	
Spears, James S.....	59	".....	
Spears, Henry.....	53	".....	
Spears, Martin.....	47	".....	
Scott, William.....	48	".....	
Scott, Richard.....	53	".....	
Stone, Thomas J.....	51	".....	
Sherrard, John L. C.....	70	".....	
Thomas, John S.....	56	".....	
Thomas, Robert.....	63	".....	
Traynor, Thomas.....	51	".....	
McAnulty, John.....	66	Musquash, N.B.....	Licensed for Musquash only.

J. U. THOMAS, Secretary.

RETURN of Vessels arriving at Port of Saint John (subject to pilotage), for the year ending December 31, 1904.

	British.	Foreign.	Total.
Schooners	73	135	208
Brigs and brigantines.	1	....	1
Barques and barquentines	11	28	39
Ships	5	2	7
Steamships.	214	31	245
	304	196	500
Amount of Pilotage received.	\$25,207 95	\$7,342 47	\$32,550 42

J. U. THOMAS,
Secretary.

APPENDIX No. II

REPORT OF THE PILOTAGE AUTHORITY OF HALIFAX FOR THE YEAR ENDED DECEMBER 31, 1904.

HALIFAX, N.S., January 10, 1904.

Hon. Minister Marine and Fisheries,
Ottawa.

SIR—I have the honour to transmit for the information of the department the following returns from the Pilotage District of Halifax, N.S.:—

Statement receipts and expenditures.
Statement superannuation fund.
Statement vessels entered inwards.
Statement vessels entered outwards.
Statement of list of pilots.
Statement of list of pensioners

I have the honour to remain, sir

Your obedient servant,

FRANK J. PHELAN,
Secretary.

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1904.

RECEIPTS AND EXPENDITURES.

Balance on hand Dec. 31, 1903	\$871 68
Amount overpaid pilots, 1903.....	77 14
Interest.....	1,030 18
Commission.....	1,679 21
Outward pilotage.. ..	1,893 30
Licenses and bonds	206 00
	<hr/>
	\$5,757 51
	<hr/>
Salary	\$600 00
Rent.....	325 00
Printing, telephone office expenses.....	316 63
Superannuation.....	4,093 66
Balance.....	422 22
	<hr/>
	\$5,757 51
	<hr/>

FRANK J. PHELAN,
Secretary-Treasurer.

4-5 EDWARD VII., A. 1905

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., January 1, 1905.

SUPERANNUATION FUND.

Balance, Jan. 1, 1904.. .. .	\$26,919 54
Commission.	\$838 21
Interest.	1,030 18
Licenses and bonds.....	206 00
Transferred from general account.....	2,000 00
	<hr/>
	4,084 39
Less paid pensions.....	1,378 42
	<hr/>
	2,705 97
	<hr/>
	\$29,625 51

FRANK J. PHELAN,
Secretary-Treasurer.

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1904.

RETURN of vessels entered inwards at the Port of Halifax, N.S., from January 1, 1904,
to December 31, 1904, subject to compulsory pilotage.

BRITISH.

Schooners.	Barks.	Ships.	Barges.	Steamers.	Tons.	Pilotage.
81	12	2	19	706	975,393	\$ cts. 16,156 88

FOREIGN.

23	15	58	95,702	2,042 70
----	----	-------	-------	----	--------	----------

RETURN of vessels entered outwards at the Port of Halifax, N.S., from January 1, 1904,
to December 31, 1904, subject to compulsory pilotage.

BRITISH.

Schooners.	Barks.	Ships.	Barges.	Steamers.	Tons.	Pilotage.
23	12	2	19	635	972,837	\$ cts. 8,315 12

FOREIGN.

.....	12	58	94,701	995 70
-------	----	-------	-------	----	--------	--------

SESSIONAL PAPER No. 23

OFFICE OF COMMISSIONERS OF PILOTS,
HALIFAX, N.S., December 31, 1904.

List of pilots for the Port of Halifax.

No.	Name.	Age.	Residence.	Remarks.
1	.....	.....	.....	.....
2	William Flemming	38	Halifax.....	.....
3	James Holland.....	68	Duncan's Cove ..	.....
4	William Baker	69	Halifax.....	.....
5	Lawrence Hayes. .	26	Herring Cove	2nd Class.
6	Frank Thomas	29	" .....	.....
7	Bernard Brackett.....	25	"	2nd Class.
8	William Hayes.....	30	" .....	.....
9	.....	.....	.....	.....
10	.....	.....	.....	.....
11	Edward Bayers	63	Halifax. ....	.....
12	James Hanrahan	67	Ferguson's Cove. ....	.....
13	William Beazley.....	64	" .....	.....
14	John Hayes.....	54	Halifax.....	.....
15	James Spears.....	46	" .....	.....
16	John F. Beazley.....	44	" .....	.....
17	William Gorman	30	Herring Cove... ..	.....
18	Charles F. Martin....	39	Halifax.....	.....
19	William White.....	47	Ferguson's Cove .....	.....
20	Thomas Hayes	44	Halifax.....	.....
21	Thomas Reyno	44	Herring Cove.....	.....
22	Frank Mackey	32	Halifax.....	.....
23	Henry Latter.. ..	40	" .....	.....
24	.....	.....	.....	.....
25	John Holland.....	22	Ferguson's Cove	2nd Class.
26	James Flemming.....	65	Ketch Harbour .....	.....

List of pensioners on Halifax District.

1905.	Name.	Residence.	Age.	Amount.
	Flemming, John.....	Ketch Harbour.....	91	\$ 200 00
	Hayes, Patrick.....	Herring Cove.....	82	200 00
	Reyno, Joseph	"	78	200 00
	Holland, Jeremiah.....	Duncan's Cove.....	72	200 00
	Nickerson, Mrs. L.....	Sambro	70	75 00
	Martin, Mrs. C .....	.....	72	75 00
	Johnson, Mrs. J.	Bear Cove.....	72	75 00
	Glazebrook, Mrs. C.....	.....	59	75 00
	" Chas.....	.....	13	15 00
	Martin, Mrs. D.....	74 LeMarchant St.....	46	75 00
	" Leo.....	.....	15	15 00
	" Elizabeth.....	.....	12	15 00
	" Barbara.....	.....	11	15 00
	" Catherine.....	.....	9	15 00
	Gallagher, Mrs. B.. ..	Gottingen St.....	42	75 00
	" W. L.....	.....	7	15 00
	" Catherine.....	.....	4	15 00
	Munro, Mrs. H.....	Duke St .....	.....	75 00

FRANK J. PHELAN,
Secretary-Treasurer.

APPENDIX No. 12

REPORT OF THE VICTORIA AND ESQUIMALT PILOTAGE AUTHORITY
FOR THE YEAR ENDING DECEMBER 31, 1904.

VICTORIA, B.C., January 7, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour, by direction of the commissioners, to transmit herewith the pilotage returns for the pilotage district of Victoria and Esquimalt in the province of British Columbia for the year ending December 31, 1904, as required by section 22 of chapter 80 of the Revised Statutes of Canada, 1886, and trust the same will reach you in time for embodiment in your annual report or usual supplement thereto, the same system of audit has been pursued this year as last, and the audit certificate appended to account current or statement of receipts and expenditures. Owing to the chairman, Jno. G. Cox, being ill in bed, the returns are unsigned by said commissioners.

I have the honour to be, sir,
Your most obedient servant,

EDGAR CROW BAKER,
Secretary-Treasurer, P.A.

PILOTAGE Returns, Victoria and Esquimalt Pilotage District, B.C., January 1 to
December 31, 1904.

LIST OF LICENSED PILOTS.

No.	Name.	Age.	Date of Issue.	Seniority.	Remarks.
1	John Thompson.....	55	April 23, 1880..	Dec. 4, 1878..	Originally a B. C. pilot.
2	Sam. W. Bucknam.....	54	March 6, 1891..	March 6, 1891..	Victoria and Esquimalt District.
3	John Newby.	55	April 10, 1891..	April 10, 1891..	" " "
4	Thos. Bebbington.....	58	Feb. 25, 1893..	Feb. 25, 1893..	Originally N. W. and Yale pilot.
5	William Cox.....	48	May 13, 1902..	May 13, 1902..	Victoria and Esquimalt District.

N.B. —The foregoing is a list of licensed pilots, who are the only ones who have prosecuted such calling in the above named district.

There are masters and mates acting under license from this pilotage authority, all the certificates previously granted having expired by effluxion of time.

Clause I, II, III, page 213 supplement to 19th annual report, with reductions on pages 200 and 201 supplement to 21st annual report, and also those on pages 181 and 182 supplement to 26th annual report (*i.e.*, Order in Council, July 1, 1893) apply to this year also.

Same Acts and parts of Acts as last year apply to 1904, and list of exempted vessel and Puget Sound rates remain the same.

EDGAR CROW BAKER,
Secretary-Treasurer.

VICTORIA, B.C., December 31, 1904.

SESSIONAL PAPER No. 23

PILOTAGE DUES collected, January 1 to December 31, 1904.

Month.	British.	Foreign.	Total.	Remarks.
	\$ cts.	\$ cts.	\$ cts.	
January.....	287 62	791 50	1,079 12	N.B.—The total \$12,205.37 does not include sums of \$300, collected from Puget Sound Steamers and \$70.75 pilotage outwards in certain cases to credit of Pilotage Authority.
February.....	243 50	613 25	856 75	
March.....	350 25	670 75	1,021 00	
April.....	331 00	597 75	928 75	
May.....	300 50	612 75	913 25	
June.....	263 00	807 88	1,070 88	
July.....	373 50	764 00	1,137 50	
August.....	413 25	670 62	1,083 87	
September.....	368 50	693 25	1,061 75	
October.....	291 50	739 25	1,030 75	
November.....	307 50	785 50	1,093 00	
December.....	224 75	704 00	928 75	
	3,754 87	8,450 50	12,205 37	

EDGAR CROW BAKER,
Secretary-Treasurer.

Audited and found correct.

A. B. FRASER, *Senior.*

VICTORIA, B.C., December 31, 1904.

Dr.

RECEIPTS and EXPENDITURE, January 1 to December 31, 1904.

Cr.

Date.	Nature of Receipt.	Amount.	Date.	Head of Service.	Amount.
1904.		\$ cts.	1904.		\$ cts.
January 1	To Balance from last year	1,084 02	February 4	By V. and E. pilots, division surplus, 1903	1,084 02
Jan. 1 to Dec. 31	Pilotage dues 12 months	12,205 37	Jan. 1 to Dec. 31	V. and E. pilots, earnings as per receipts	10,984 84
" "	Certificate fees, Puget Sound steamers	300 00	" "	Secretary-treasurer, 12 months' salary	600 00
" "	Pilotage outwards, in certain cases to credit of Pilotage Authority	70 75	" "	Office expenses, rent, fuel, light &c.	360 08
			August 11	Eberts & Taylor, legal opinion <i>re</i> By-Law	15 00
			December 31	Balance to credit of Pilotage Authority	616 20
		13,660 14			13,660 14

Approved.

A. B. FRASER, SENIOR,
JOSHUA KINGHAM,
WILLIAM GRANT.

EDGAR CROW BAKER,
Secretary-Treasurer.

A. B. FRASER, Senior.

Audited and found correct.

VICTORIA, B.C., January 4, 1905.

SESSIONAL PAPER No. 23

APPENDIX No. 13

REPORT OF THE VANCOUVER PILOTAGE AUTHORITY FOR THE YEAR
ENDING DECEMBER 31, 1904.

VANCOUVER, B. C., January 5, 1905.

The Honourable
The Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to inclose herewith statement of accounts and of the affairs of the Vancouver Pilotage District for year just ended, 1904.

At a meeting of the commissioners held to day, the accounts were audited and signed by the chairman, and I was instructed to forward same to you.

I have the honour to be, sir, your obedient servant,

C. GARDINER JOHNSON,
Secretary, Vancouver Pilotage District.

No. of License.	Name of Pilot.	Age.	Service In.	Remarks.
1 1st class.. . . .	William Ettershank.....	62	Licensed to pilot vessels of any size or description within the limits of the Vancouver pilotage district.	Active.
2 "	George W. Robertson....	54		"
3 "	H. Robson Jones.....	49		"
4 "	Donald Patterson.....	43		"
5 3rd "	Joseph R. Reardon.....	41		"

NOTE.—Pilotage dues now in force are same as approved by Order in Council, Saturday, April 28, 1894.

Inwards.

14 British sailers	\$ 420 75
9 Foreign sailers	200 00
59 British steamers	3,120 75
261 Foreign steamers	4,635 88
	<hr/>
	\$ 8,377 38

Outwards.

13 British sailers	499 00
9 Foreign sailers	319 00
60 British steamers	3,336 25
261 Foreign steamers	4,669 12
	<hr/>
	\$ 8,823 37
	<hr/>
	\$ 17,200 75

Remaining in Port on December 31, 1904.—*Osterbek*, \$23.00; *Aorangi*, \$139.25.

C. GARDINER JOHNSON,
Secretary, Vancouver Pilotage District.

Approved
RICHARD ALEXANDER, *Chairman.*

Receipts.

Balance in Bank, January 5, 1904.....	\$ 461 05
Pilotage earnings for year 1904.....	17,200 75
	<hr/>

Disbursements.

Paid pilots, January 5, 1904.....	\$ 461 05
Paid pilots during year 1904.....	11,411 63
Office expense account 1904.....	1,034 45
*Pilotage expense account 1904	4,338 75
Balance in bank.....	415 92
	<hr/>
	\$ 17,661 80

*Pilotage expense account is increased this year by repairs to gasoline launch, *i. e.* \$269.70.

C. GARDINER JOHNSON,
Secretary, Vancouver Pilotage District.

Approved,
RICHARD ALEXANDER,
Chairman.

LEDGER BALANCE.

Assets.

Bank of Montreal.....	\$ 415 92
Bank of Montreal—	
Savings department.....	\$ 634 86
Interest, 1904.....	19 00
	<hr/>
	\$ 653 86
	<hr/>
	\$ 1,069 78

Liabilities.

Reserve fund.....	\$ 634 86
Interest, 1904.....	19 00
	<hr/>
	\$ 653 86
Pilotage earnings undisbursed.....	415 92
	<hr/>
	\$ 1,069 78

C. GARDINER JOHNSON,
Secretary, Vancouver Pilotage District.

Approved
RICHARD ALEXANDER,
Chairman.

APPENDIX No. 14

REPORT OF THE PILOTAGE AUTHORITY OF NANAIMO, B.C., FOR
THE CALENDAR YEAR ENDED DECEMBER 31, 1904.

NANAIMO, B.C., January 3, 1905.

To the Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—By direction of the commissioners, I have the honour to inclose you a statement of the accounts of the Nanaimo Pilotage Authority, for the year ending December 31, 1904, as required by the provisions of the 'Pilotage Act, 1886.'

I have the honour to be, sir,
Your obedient servant,

TULLY BOYCE,
Secretary.

PILOTAGE Returns for the year ending December 31, 1904.

LICENSED PILOTS.

Names of Pilots.	Age.
Christensen, James.....	63
Butler, James Edgar.....	44
Owen, William David.....	38
Yates, Albert Francis.....	52
Gosse, Josiah.....	39

RATES OF PILOTAGE.

Half pilotage.....	\$ 1 per foot draught.
Full ".....	2 " "
Gulf ".....	10 per diem.

Special rates for mail steamers and tugs.

STATEMENT of Full Pilotage Collected from January 1 to December 31, 1904.

	British.	Foreign.	Total.
	\$ cts.	\$ cts.	\$ cts.
January	334 00	653 00	987 00
February	368 00	483 00	851 00
March	464 00	466 00	930 00
April	434 00	566 00	1,000 00
May	474 00	660 00	1,134 00
June	210 00	504 00	714 00
July	266 00	746 00	1,012 00
August	495 00	750 00	1,245 00
September ..	267 00	464 00	731 00
October	200 00	389 00	589 00
November	377 00	202 00	579 00
December ..	286 00	290 00	576 00
	4,175 00	6,173 00	10,348 00

STATEMENT of Half Pilotage Collected from January 1 to December 31, 1904.

	British.	Foreign.	Total.
	\$ cts.	\$ cts.	\$ cts.
January		219 50	219 50
February	35 00	213 00	248 00
March		321 50	321 50
April		416 00	416 00
May	22 00	319 50	341 50
June		272 00	272 00
July		242 50	242 50
August		353 50	353 50
September	22 00	249 50	271 50
October	113 50	181 00	294 50
November	76 00	212 50	288 50
December	114 00	176 00	290 00
	382 50	3,176 50	3,559 00

RECEIPTS and Expenditure from January 1 to December 31, 1904.

	\$ cts.		\$ cts.
To pilotage fees collected, as per enclosed statements	13,907 00	By salary of secretary and treasurer ..	600 00
		Rent, janitor, fuel, light, &c.	228 00
		Printing, postage and stationery ..	17 25
		Office repairs	1 75
		Commission to collectors	332 65
		Pilot station expenses	1,174 70
		Travelling and personal expenses ..	2,400 00
		Net earnings	9,152 65
	13,907 00		13,907 00

Approved,
THOMAS A. CONNELL,
H. B. SHAW,
P. GIBSON.

J. S. KNARSTON,
Chairman.
TULLY BOYCE,
Secretary.

APPENDIX No. 15

REPORT OF THE PILOTAGE AUTHORITY OF PICTOU, N.S., FOR THE YEAR 1904.

Pictou, N.S., March 1, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Inclosed please find statement pilotage returns for the Port of Pictou, N.S.,
for the season of 1904.

I am, sir,
Your obedient servant,

DODD DWYER,
Secretary.

TOTAL amount received for Pilotage dues.

	\$ cts.	\$ cts.
Received from steamships.....	1,389 43	1,639 93
" sailing ships.....	250 50	
Of this amount—		
Received from British ships.....	215 50	1,639 93
" foreign ships.....	1,424 43	

Certified. A. B. BÉLANGER,
SS. Campana.

EARNINGS of Pilots, 1904.

No.	Name.	Age.	\$ cts.
1	Wm. A. Cook.....	66	316 74
2	Chas. Cook	56	404 96
3	Geo. W. Powell.....	53	270 17
4	Angus Smith	47	214 17
5	McG. Fraser.....	36	176 32
6	Wm. McPherson.....	29	.....
7	Willard Fraser.....	26	236 05
			1,618 43

RECEIPTS and Expenditures, 1904.

RECEIPTS.		\$	cts.	\$	cts.
Received pilotage, per statement.....		1,639	93		
" from 7 pilot bonds		7	00		
" " Capt. Bélanger		40	00		
Balance due secretary		314	00		
					2,000 93
EXPENDITURES.					
Paid pilots, pilotage.....		1,618	43		
" secretary's salary.....		200	00		
" balance due secretary		182	50		
					2,000 93

WILLIAM FRASER,
JOSEPH FOSTER,
JOHN R. DAVIS,
HECTOR McKENZIE,
C. DWYER.

DODD DWYER,
Secretary.

APPENDIX No. 16

REPORT OF PILOTAGE AUTHORITY OF SYDNEY, C.B., YEAR ENDING
DECEMBER 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Herewith please find returns in connection with pilotage authority, district
of Sydney, year ending December 31, 1904.

Trusting the returns may be found correct.

I am, sir,
Your obedient servant,

W. A. RICHARDSON,
Secretary, Pro tem.

STATEMENT OF RELIEF

Name.	Amount.
	\$ cts.
Maurice Doyle.....	50 00
Isabelle MacGillivray.....	30 00
Catherine MacGillivray.....	30 00
Margaret Petrie.....	30 00
Widow Daley.. ..	30 00
Mary Petrie... ..	30 00
Widow McInnis. . . .	30 00
Widow Carroll.....	30 00
Pilot Wm. Ratchford.....	50 00
Pilot George Townsend.....	50 00
	360 00

NAMES of Pilots and Earnings for the Year 1904.

No.	Name.	Amount paid.	No.	Name.	Amount paid.
		\$ cts.			\$ cts.
1	John Cann.....	776 37	23	James Fraser....	776 36
2	John Mullins..	776 37	24	Walter Handrigan....	776 36
3	Lawrence Connell ...	776 37	25	James Shannahan.....	776 36
4	Lawrence Ling.....	776 37	26	William Langille.....	776 36
5	J. B. McGillivary.....	776 37	27	George B. Brown.	776 36
6	James Carroll.....	776 37	28	D. A. McInnis.....	776 36
7	John Carroll.....	776 37	29	James B. McGillivary.....	776 36
8	Andrew Ratchford.....	776 37			
9	Thomas Ratchford.....	776 37			22,514 62
10	Thomas McNeil.....	776 37		APPRENTICES.	
11	John McNeil.....	776 37	1	John Mahan.....	388 18
12	J. T. Laffin.....	776 37	2	Thomas Burke.....	388 18
13	D. D. Petrie.....	776 37	3	Louis Carroll.....	388 18
14	Bernard Mullins.....	776 37	4	H. Ratchford.....	388 18
15	William Brown.....	776 37	5	George Spencer	388 18
16	Joseph Brown.....	776 37	6	Ed. Petrie	388 18
17	Vincent McGillivary.....	776 37	7	John Boutilier.....	388 18
18	Michael Curren.....	776 37	8	Wm. McGillivary	388 18
19	E. D. Cann.....	776 36			
20	Thomas Rudderham	776 36			3,105 44
21	Thomas Roberts.....	776 36			
22	John Fraser.....	776 36			

NORTH SYDNEY.

	Tons.	Amount.
		\$ cts.
British steamers	79,508	1,776 98
Foreign "	127,698	4,005 05
British sail.....	9,840	374 00
Foreign sail.....	3,315	155 05
	220,361	\$ 6,310 90

INTERNATIONAL.

	Tons.	Amount.
		\$ cts.
British steamers.....	185,921	4,939 00
Foreign "	395,630	10,484 50
British sail.....		
Foreign sail.....		
	581,551	15,423 50

SESSIONAL PAPER No. 23

SYDNEY.

	Tons.	Amount.
		\$ cts.
British steamers.....	167,478	3,384 00
Foreign ".....	65,900	1,817 50
British sail.....	1,032	82 50
Foreign sail.....		
	234,410	5,234 00

RECAPITULATION.

	Tons.	Amount.
		\$ cts.
North Sydney....	220,361	6,310 98
International pier	581,551	15,423 50
Sydney.....	234,410	5,234 00
	10,363 22	26,968 48
Relief fund.....		144 50
		27,112 98

WHITE FLAG STEAMERS : Licensed 1904.

Name.	Class.	Amount.
		\$ cts.
Cape Breton.....	Steamer....	100 00
Louisbourg.....	"	100 00
Restigouche.....	"	100 00
Harlow.....	"	100 00
Wasis	"	100 00
Coban.....	"	100 00
		600 00

STATEMENT of Receipts and Expenditure.

RECEIPTS.	\$ cts.	EXPENDITURES.	\$ cts.
Pilotage receipts.....	26,968 48	Paid pilots	22,514 62
Relief fund.....	144 50	" apprentices	3,105 44
White flag licenses.....	600 00	" relief.	360 00
Pilot licenses.....	87 00	" 3 collectors, sec'y. and treasurer.	1,500 00
Boat.....	10 00	" commissioners (expenses).....	400 00
		" office rent and fuel.....	50 00
		" telephone	25 00
		" sundries, telegrams, etc.....	9 50
			27,964 56
			27,809 98
	27,809 98	Over expenditure.....	154 58

SESSIONAL PAPER No. 23

CHARLES H. LANG, PILOT No. 7, LISCOMBE.

April 14.....	Halifax.....	Schooner	Georgia	291	America.....	Longmire.....	9 00	11 00	20 00
July 4.....	Sherbrooke.....	"	Lilian Blauvelt.....	190	Yarmouth	Capt. Godwin	6 00	8 00	14 00
September 26.	Halifax.....	Barque.....	Rosa Trappin.....	616	Trappain. ....	.....	13 00	15 00	28 00
									62 00

GEORGE H. RILEY, PILOT No. 8, LISCOMBE.

May 22.....	Ireland	Barque.....	Capella	646	N.W. Christina	Olsen.....	13 00	15 00	28 00
July 7.....	.....	" .....	Emily Maria.....	600	Norway	Peterson.....	12 00	14 00	26 00
October 29....	Tusket Wedge...	Steam.....	Briardene	1658	English.....	Crowe.....	15 34	16 34	31 68
November 13..	.....	Barque.....	Alf.....	694	France.....	Anderson.....	13 00	15 00	28 00
									113 68

SETH MCKINLY, PILOT No. 5, LISCOMBE.

December 10..	Halifax	Schooner	Helen M. Shaftner.....	180	Dacostu	5 00		
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WILLIAM PRIDE,
Secretary to Commission.

APPENDIX No. 18

REPORT OF THE PILOTAGE AUTHORITY OF ARICHAT, C.B., FOR THE YEAR ENDING DECEMBER 31, 1904.

ARICHAT, C.B., December 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR :—I inclose a report of the vessels piloted in the port of Arichat, C.B., during the year 1904, by the following pilots :—

Albert Bouchie, pilot No. 5—	
Br. ss. <i>Harlaw</i> , 275 tons, in and out.....	\$15 00
John Gayetche, pilot No. 1—	
Barkentine <i>Glenville</i> , 298 tons, in and out.....	\$15 00
Schooner <i>Acacia</i> , 135 tons, in and out.....	9 75
Navigation is closed up about this time.	

Yours truly,

ISIDORE LE BLANC,
Secretary, Pilotage Authority.

APPENDIX No. 19

REPORT OF THE PILOTAGE AUTHORITY OF PARRSBORO, N.S., FOR THE YEAR ENDING DECEMBER 31, 1904.

Report of the Pilotage Authority for the district of Parrsboro, N.S., for the year ended December 31, 1904 :—

7 British vessels paid.....	\$387 00
3 Foreign vessels paid.....	183 35
	<hr/>
	\$570 35
	<hr/>
Paid Pilot Robert Anderson.....	\$526 65
Office contingencies.....	15 00
Commissioners expenses.....	10 00
Secretary for salary.....	18 70
	<hr/>
	\$570 35
	<hr/>

No change in rates or pilots since last year.

E. GILLESPIE,
Secretary, Parrsboro Pilotage Authority.

APPENDIX No. 20

REPORT OF THE PILOTAGE AUTHORITY OF PUGWASH, FOR THE
YEAR ENDING DECEMBER 31, 1904.

PUGWASH, January 13, 1905.

To the Honourable
Minister of Marine and Fisheries.

SIR, —I beg to report on behalf of the commissioners of pilots for the ports of
Pugwash and Port Philip, for the year ending December 31, 1904, as follows :—

No.	Names of licensed pilots.	Age.	No.	Names of licensed pilots.	Age.
1	Neil McKeiver	45	5	John Seaman.....	70
2	Clarence Reid.....	51	6	Andrew Seaman.....	62
3	George Cooper.....	53	7	Alfred E. Seaman.....	26
4	George Heather.....	60	8	George Tuttle King.....	25

Names of ships.	Nationality.	Tons.	Pilotage.	Pilots.
SS. Lum.....	Norwegian.....	791	\$ 36 00	Neil McKeiver.
Barque Alf.....	"	650	34 00	John Seaman.
SS. Hydonia	German	1,541	64 39	George Heather.
Barque Normanvic.....	Norwegian.....	680	34 00	Andrew Seaman.
" Gamma	"	575	32 00	" "
SS. Normand.....	"	1,350	55 75	Alfred E. Seaman.
SS. Glitra.....	"	1,426	59 17	Andrew Seaman.
SS. Hydonia	German	1,542	65 00	Alfred Seaman.
SS. Bylgia	"	1,294	53 23	Neil McKeiver.
SS. Gaman.....	Sweedish.....	1,601	72 04	George Heather.
Barque Saturnes.....	Norwegian.....	580	32 00	Neil McKeiver.
SS. Sophia	"	854	38 00	George Heather.
			575 58	
Pilotage for extra moving and mooring.....			55 00	
In addition to the above amount the pilots have collected from schooners as follows :—				
Andrew Seaman		\$ 5 00		
Neil McKeiver.....		10 80		
Tuttle King.....		15 00		
John Seaman		11 50		
			42 30	
Total		12,884	672 88	

The above amount has been earned by the pilots so employed, and they have been paid, I holding receipts for the same.
Eight ships Norwegian, 1 Swedish, 3 German ; total, 12 ; tonnage, 12,884.
A number of schooners enter this port each season, that do not employ a licensed pilot.

4-5 EDWARD VII., A. 1905

No accident of any kind has happened to any vessel entering or leaving this port during the shipping season of 1904.

There is no pilotage fund in this port.

The above report is most respectfully submitted.

I am, sir, your most humble and obedient servant.

ELIAS KING,

Secretary of Pilotage Authority for ports Pugwash and Port Philip.

APPENDIX No. 21

REPORT OF THE PILOTAGE AUTHORITY OF BUCTOUCHE, FOR THE YEAR 1904.

BUCTOUCHE, N.B., January 31, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I herewith transmit annual report of the pilotage authority district of Buctouche for the year 1904.

The amount of pilotage collected is considerable of an increase over that of the last few years.

Yours truly,
JOHN C. ROSS.

PILOTAGE returns, district of Buctouche, province of New Brunswick, for the year 1904.
Act 36 Vict., cap. 54, sec. 24.

1st. Names and ages of pilots licensed:—Joseph Crossman, age 53 years; Joseph Belleisle, age 48 years.

2nd. The above pilots are licensed to undertake the pilotage of vessels of every description within and throughout the pilotage district of Buctouche.

3rd. Pilotage dues are charged as per section 12 of rules and regulations for the district, viz.: One dollar and fifty cents per foot draught of water, both inward and outward bound.

4th. Total amount of pilotage dues paid, \$167.50. Of this amount \$78 was paid by 2 foreign vessels (Norwegian), the balance (\$89.50) by 3 steam barges and 1 schooner, all British.

5th. The pilotage dues as above were paid to the pilots who performed their duties as such to the respective vessels.

6th. No new licenses were issued nor expenses incurred by the pilotage authority during the year.

JOHN C. ROSS,
Secretary of Buctouche Pilotage Authority.

BUCTOUCHE, N.B., January 31, 1905.

SESSIONAL PAPER No. 23

APPENDIX No. 22

REPORT OF THE PILOTAGE AUTHORITY OF RICHIBUCTO, N.B., FOR THE YEAR ENDING DECEMBER 31, 1904.

REXTON, KENT Co., N.B., November 29, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—We the Pilot Commissioners of the port of Richibucto, N.B., send you our annual report for this port, ending November 30, 1904, which please kindly acknowledge.

The annual meeting of pilots and commissioners of this port met in Mr. W. Brait's office, Rexton on March 30, W. Brait, Esq., chairman.

Minutes of last year's meeting read and accepted.

George Long, formerly a pilot of this port, having made written application for renewal of pilot license was approved and license granted.

The following five pilots were granted licenses for the season of 1904:—William Irving, No. 1; James W. Long, No. 2; Albert A. Long, No. 4; John A. Curwen, No. 5; George Long, No. 6.

Eight vessels of 3,583 tons register loaded deals here and sailed for British ports.

One hundred and fifty schooners, about 10,000 tons register, loaded and sailed coastwise.

No casualties to report. Depth of water, 13 feet on bars o.s.

Yours respectfully,

JAMES GORDON,
Secretary of Pilot Commissioners.

SESSIONAL PAPER No. 23

APPENDIX No. 24

REPORT OF THE PILOTAGE AUTHORITY OF ST. ANDREWS, N.B.,
FOR THE YEAR ENDING DECEMBER 31, 1904.

St. ANDREWS, N.B., January 11, 1905.

F. GOURDEAU, Esq.

Deputy-Minister of Marine and Fisheries,
Ottawa.

SIR,—Inclosed find reports of pilotage returns for 1904, from Wellington Cline and Joseph Boyd, pilots for Charlotte county.

Have no blanks or regulations; would like to have them for the pilots when they call in the spring.

MARSHAL STINSON.

APPENDIX No. 25

REPORT OF THE PILOTAGE AUTHORITY OF MIRAMICHI, N.B., FOR
THE YEAR ENDING DECEMBER 31, 1904.

NEWCASTLE, MIRAMICHI, N.B., January 3, 1905.

LIEUT.-COL. F. GOURDEAU,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour to hand you herewith the pilotage returns for the district
of Miramichi, N.B., for the year ending December 31, 1904.

I am, sir,
Your obedient servant,

BYRON N. CALL,
Secretary-Treasurer to Pilotage Commissioners.

PILOTAGE returns for the pilotage district of Miramichi, N.B., year ending December
31, 1904.

Class of Vessel.	Num- ber.	Total.
Vessels reported inwards—		
British steamers.....	20	
" sailing vessels.....	21	
Foreign steamers.....	18	
" sailing vessels.....	36	
		95
Vessels reported outwards—		
British steamers.....	20	
" sailing vessels.....	20	
Foreign steamers.....	18	
" sailing vessels.....	36	
		94
Vessels removed—		
British steamers.....	12	
" sailing vessels.....	1	
Foreign steamers.....	12	
" sailing vessels.....	11	
		36

BYRON N. CALL,
Secretary-Treasurer to Pilotage Commissioners.

4-5 EDWARD VII., A. 1905

PILOTAGE returns for the pilotage district of Miramichi, N.B., year ending December 31, 1904.

Class of Vessel.	Amount.	Total.
	\$ cts.	\$ cts.
Total amount of pilotage inwards—		
British steamers	1,235 97	
" sailing vessels	472 52	
Foreign steamers.. . . .	955 34	
" sailing vessels	984 43	
		3,648 6
Total amount of pilotage outwards—		
British steamers	1,371 68	
" sailing vessels	542 00	
Foreign steamers.. . . .	1,223 68	
" sailing vessels	1,275 00	
		4,412 36
Total amount for removals—		
British steamers	99 00	
" sailing vessels	6 00	
Foreign steamers.. . . .	126 00	
" sailing vessels	84 00	
		315 00
		8,375 62

BYRON N. CALL,
Secretary-Treasurer to Pilotage Commissioners.

RATES of Pilotage chargeable at Miramichi, N.B., on vessels, British and Foreign, for the year ended December 31, 1904.

When inward bound.....	\$2.25 per foot.
And in addition to the above for all vessels propelled wholly or in part by steam.....	2c. per reg. ton.
When outward bound	\$2 per foot.
And in addition to the above for all vessels propelled wholly or in part by steam.....	2c. per reg. ton.
For the removal and mooring of vessels over 300 tons	\$4.
And where the distance of removal exceeds four miles, fifty per cent additional on the above rate.	
Removals within a distance of one mile are not compulsory, but when pilots are requested by captains to perform this service the charge is.....	\$4.
Steam tug boats towing one or more coal barges inwards may depart outwards after having paid full pilotage for the tug and barges inwards, without paying any outward pilotage except on the tug.....	

NATIONALITY of Vessels piloted Inwards during the year 1904.

	No.		No.
American.....	3	Italian.	2
Austrian.	1	Norwegian.....	27
British.....	41	Russian	1
Danish.....	2	Swedish.....	2
German	16		
		Total vessels piloted.....	95

BYRON N. CALL,
Secretary-Treasurer to Pilotage Commissioners.

SESSIONAL PAPER No. 23

PILOTAGE Returns for the Pilotage District of Miramichi, N.B., for the year ending
December 31, 1904.

No.	Name.	Age.	For what Service.	Remarks.
2	Louis Jimmo.....	50	Full license.....	
6	Francis Martin....	70	".....	
7	Maxime Martin.....	59	".....	
10	Alexander Wilson.....	58	".....	
11	Robert J. Walls.....	53	".....	
22	William Walls, sr.....	50	".....	
26	John McCallum.....	52	".....	
27	James Nowlan.....	53	".....	
28	Dudley P. Walls.....	58	".....	Died at Chatham, N.B., Dec. 12, 1904.
29	George Sutton.....	53	".....	
30	James A. Nowlan.....	49	".....	
31	George T. Tait.....	47	".....	
32	Joseph Jimmo.....	49	".....	
33	James McCallum.....	60	".....	
35	John Martin.....	45	".....	
36	Asa Walls.....	45	".....	
37	William Walls, jr.....	47	".....	
38	John Nowlan.....	48	".....	
39	Patrick Nowlan.....	45	".....	Died at Chatham, N.B., 1903.
41	Michael J. Jimmo.....	37	".....	
42	George M. Nolan.....	48	".....	
43	Christopher C. McLean.....	57	".....	
44	George Savoy.....	60	".....	

List of pilot boats licensed.

No.	Name of Boat.	Tonnage.	Captain's Name.	First Licensed.
15	<i>Princess Louise</i>	20.85	Asa Walls.....	May, 1879.
16	<i>Senator Snowball</i>	30.95	Jas. A. Nowlan.....	" 1897.
17	<i>Mabel</i>	22	George Savoy.....	" 1900.

BYRON N. CALL,
Secretary-Treasurer to Pilotage Commissioners.

THE Miramichi Pilots, in account with B. N. Call, Secretary-Treasurer.

1904.	DR.	\$	cts.
June 18..	To paid W. S. Loggie Co., account sch. <i>Princess Louise</i>	3	48
" 18..	" " " <i>Senator Snowball</i>	6	22
" 18..	J. B. Snowball Co. " ".....	11	65
" 18..	" " " <i>Princess Louise</i>	8	24
July 18..	Asa Walls, fitting out sch. ".....	42	00
" 18..	Joseph Jimmo " <i>Senator Snowball</i>	42	00
" 18..	Geo. Stothar, account " <i>Princess Louise</i>	16	87
" 18..	" " " <i>Senator Snowball</i>	5	40
" 18..	R. J. Walls, prem. insurance on seine.....	9	00
Aug. 18..	J. B. Snowball Co., account sch. <i>Princess Louise</i>	13	97
" 18..	" " " <i>Senator Snowball</i>	26	15
" 18..	W. S. Loggie Co. " ".....	1	95
" 18..	A. C. McLean's account, hardware.....	4	19
" 18..	Wm. Richards & Co.'s account, lumber.....	6	07
" 18..	Mrs. Annabella McLean, the late Angus McLean's share in pilot schooners.	127	58
" 25..	Draft in favour Peake Bros. & Co., Charlottetown, P.E.I., towage sch. <i>Senator Snowball</i>	50	25
Sept. 17..	Jas. P. Searle, rent pilots' office, to April, 1905.....	20	90
" 17..	A. & R. Loggie, for net.....	15	17
" 17..	Miller's Foundry Co., hauling out sch. <i>Princess Louise</i>	19	50
" 17..	Patk. Coleman, labour repairing sch. <i>Senator Snowball</i>	10	50
" 17..	James Curran " ".....	10	50
" 17..	J. W. & J. Anderson, account ".....	3	75
" 17..	V. A. Danville " ".....	31	00
Oct. 18..	Mrs. Elizabeth Nowlan, the late Patrick Nowlan's share in pilot schooners.	127	58
" 18..	W. S. Loggie Co., account sch. <i>Senator Snowball</i>	31	82
" 18..	Chas. Shield's account ".....	5	75
" 18..	" " " <i>Princess Louise</i>	5	25
" 18..	W. S. Loggie Co.'s account ".....	3	75
" 18..	Alex. Martin, pension for year 1904.....	75	00
Nov. 18..	Ed. Burke, account sch. <i>Princess Louise</i>	6	75
" 18..	" " " <i>Senator Snowball</i>	15	50
" 18..	A. J. Loggie, account sch. <i>Princess Louise</i>	2	08
" 18..	J. B. Snowball, account sch. <i>Senator Snowball</i>	53	74
" 18..	" " " <i>Princess Louise</i>	3	18
" 18..	George Watt " ".....	5	31
" 25..	A. C. McLean " ".....	7	54
" 25..	" " " <i>Senator Snowball</i>	2	60
" 25..	A. & R. Loggie, rent warehouse for 1904.....	10	00
" 25..	Miramichi Steam Navigation Co., fares for 1904.....	3	55
" 25..	Anslo Bros. account, printing.....	2	00
" 25..	B. N. Call, secy.-treas., postage and stationery.....	3	50
" 25..	Edward Johnson, account stationery for pilots' office.....	3	87
Dec. 1..	B. N. Call, services as secretary-treasurer, commission on \$8,775.62 at 3 pc.	263	27
" 1..	Eighteen pilots, \$6,166.74, and four pilots, \$1,491.40.....	7,658	14
" 1..		8,775	62
	CR.		
" 1..	By amount collected pilotage in.. .. \$ 3,648 26		
" 1..	" " " out..... 4,412 36		
" 1..	" " " for removals..... 315 00		
" 1..	" " " earned by pilots outside..... 400 00		
		8,775	62

BYRON N. CALL,
Secretary-Treasurer to Pilotage Commissioners.

J. C. MILLER,
Chairman.

APPENDIX No. 26

REPORT OF THE PILOTAGE AUTHORITY OF SHEDIAC, FOR THE
YEAR ENDING DECEMBER 31, 1904.

SHEDIAC, N.B., Feb. 1, 1905.

F. GOURDEAU, Esq.,
Deputy of Minister Marine,
Ottawa.

SIR.—I send inclosed report for pilotage commission, Shediac district, for year ending December, A.D., 1904.

Yours very truly,
W. A. RUSSELL.

PILOTAGE OFFICE, SHEDIAC, N.B., January, 1905.

F. GOURDEAU, Esq.
Deputy Minister of Marine,
Ottawa.

The Pilot Authority of the port of Shediac, N.B., beg leave to submit the following report for the year ending 31st December, A.D., 1904.

Names of Pilots in district.	Age.	Serving full district.
1. Docity P. LeBlanc.....	64	"
2. Thomas McGrath.....	55	"
3. Olaf Hendricksen.. ..	50	"
4. Paul P. LeBlanc.....	57	"

No. of vessels reported liable to pay pilotage.

	Inwards.	Outwards.
British sailing vessels.....	3	3
Foreign ".....	8	8
	<u>11</u>	<u>11</u>

Nationality of above vessels reported inwards during A.D., 1904.

Canadian.....	3
Norwegian.....	7
Russian.....	1

The total amount received from pilotage services for the year, as follows :

From Canadian vessels.....	\$ 123 75
" Foreign ".....	352 25
	<u>\$ 476 00</u>

The amount was all paid in to the above pilots.

The rates of pilotage for the above district are as follows :—

For pilotage inwards and outwards, \$1.50 per foot draught of water. Each remove, \$4.

Yours respectfully,

W. A. RUSSELL,
Secretary.

APPENDIX No. 27

REPORT OF THE PILOTAGE AUTHORITY OF RESTIGOUCHE, FOR THE
YEAR ENDING DECEMBER 31, 1904.

PILOTAGE COMMISSIONERS' OFFICE,
DISTRICT OF RESTIGOUCHE, N.B.,
CAMPBELLTON, N.B., January 9, 1905.

HON. R. PREFONTAINE, M.P., K.C.,
Minister of Marine and Fisheries,
Ottawa, Canada.

SIR,—I have the honour to transmit to you herewith the pilotage commissioners annual report for the year ending December 31, 1904.

We beg to report that during the season of 1904, we suspended pilot Daniel C. MacNeill, for drunkenness, and such suspension runs till May 1, 1905, the conduct of all the other pilots has been good and their work satisfactory.

Buoy System.—We beg to call your attention to the very unsatisfactory way in which this work is carried on and the very unsatisfactory way in which the contracts are carried out in regard to placing them and keeping them in position. We are constantly getting complaints from ship masters and pilots about the buoys being out of position and we would recommend to your honour that all contracts in future for placing and looking after the buoys be awarded to the pilots, first because of the very small wages they earn, and secondly, that we think that we shall have a very much more satisfactory service. We would further recommend that your honour place some gas buoys in this district to light the channel at night, and the channel we think could be well lighted with the addition of four or five gas buoys and as the trade of the district is increasing very rapidly these matters should have your immediate attention.

Lightship.—We beg to thank your honour for placing this vessel in position, and while the light itself is very good, the vessel is altogether too small for a satisfactory service and too small for men to live on board, and in our opinion they should if at all possible have good quarters, and at the same time they could see that lights and buoys were always in position which will be very much needed on account of Gaspé-Campbellton mail service having to be operated from Campbellton this year and for the next five years.

We also beg to call your honour's attention to the absolute necessity of having the harbour dredged both at Campbellton and at the Traverse Bar, five miles below Campbellton.

We beg also to call your attention to the fact that a petition has been circulated asking your honour that some more buoys be placed in the river between Campbellton and Ste-Anne de Restigouche, and as there is a large mill there, that is yearly increasing its cut, we recommend that the prayer of the petition be granted, but when the buoys are ordered to be placed that the placing of same be given to the pilots of our district. All of which is respectfully submitted.

By order of the commissioners,

FRANK S. BLAIR,
Secretary-Treasurer.

23—91
2

Name of Pilot.	Name of Vessel.	Nationality.	Rig.	Tonnage.	Total Dues. \$ cts.	Commission. \$ cts.	Total Paid Pilot. \$ cts.
Daniel C. McNeil	Leonard Parker	British	Schooner	246	33 00	0 99	32 01
Robert McNeil	Blenheim	"	"	199	31 50	0 94	
"	Rockcliff	"	Steamship	1,496	85 92	2 57	
"	Aljuca	Norwegian	Barque	1,039	67 62	2 03	179 50
John McNeil	Barossa	"	"	911	50 50	1 51	
"	Aero	Danish	"	215	34 65	1 04	
"	Ophelia	Norwegian	"	1,127	65 87	1 87	
"	Basuta	British	Steamship	1,839	109 28	3 27	
"	Birgit	Norwegian	Barque	1,067	65 25	1 95	315 81
Ed. Elsliger	Kando	Danish	"	200	33 50	1 00	
"	Arnveig	Norwegian	"	287	44 50	1 33	
"	Albani	British	Schooner	249	28 50	0 85	
"	Nyasso	"	Steamship	1,786	102 72	3 08	
"	Golden Rule	"	Schooner	148	27 00	0 81	
"	Saga	Norwegian	Barque	1,235	67 25	2 01	
"	Evolution	British	Schooner	173	30 00	0 90	
"	Ethel Clark	"	"	342	34 50	1 03	
"	Auckland	Norwegian	Barque	1,244	60 50	1 80	473 36
"	Papcsa	"	"	996	59 50	1 80	
Jos. Elsliger	Albatros	"	"	878	62 75		
"	Edith Sheraton	British	"	313	28 50		
"	Aberdeen	"	D.G.S.	674	33 32		
"	Rota	Danish	Barque	165	35 75		
"	Eurydice	British	"	1,079	72 25		
"	Fremad	Danish	Schooner	324	45 50		
"	La Conadienne	British	D.G.S.	226	33 02	9 33	301 76
Neil Neilsen	Basuta	"	Steamship	1,839	92 78		
"	Fremad	Danish	Barque	223	44 12		
"	Hedwig	German	Steamship	1,540	79 30		
"	Evolution	British	Schooner	175	27 00		
"	Fernando	Italian	Barque	1,308	73 37		
"	Nebo	Norwegian	"	1,020	60 25		
"	City of Benares	Russian	Ship	1,436	69 50		
"	De Gregore gio Batta	Italian	"	1,200	60 12	15 19	491 25
Total for Port of Campbellton, N.B. (34 vessels)				27,199	1,849 09	55 40	1,793 69

OUTPORT OF RIVER LOUISON.

Name of Pilot.	Name of Vessel.	Nationality.	Rig.	Tonnage.	Total Dues. \$ cts.	Commission. \$ cts.	Total paid Pilot. \$ cts.
Wm. Donahue.....	Ida Barte.....	Norwegian.....	Barque.....	602	29 00	0 87	
"	Julia Maria.....	British.....	Schooner....	247	27 00	0 81	
"	Benj. Bangs.....	Norwegian.....	Barque.....	1,082	40 50	1 21	
"	Atlas	"	Steamship..	834	34 68	1 04	
"	Sigrid.....	"	Barque.....	536	30 50	0 91	156 84
Robert McNeil.....	Veritas.....	Danish.....	Schooner....	162	17 00	0 51	
"	Vanloo.....	Italian	Barque.....	1,465	39 90	1 17	
"	Hefhir.....	Norwegian.....	"	800	41 50	1 24	94 58
Ed. Elsliger.....	Solsberg...	"	"	889	82 00	0 96	31 04
John McNeil.....	Lily.....	"	"	499	25 00	0 75	24 25
Jos. Elsliger.....	Klaro.....	"	"	430	29 00	0 87	28 13
Total for Outport River Louison (11 Vessels).....				7,546	345 18	10 34	334 84

PORT OF DALHOUSIE.

Robert McNeil	Richard.....	British.....	Steamship..	279	25 58	0 77	50 21
"	Sebago	American	Schooner...	254	26 50	0 80	
Jos. Elsliger	Helene Horn	German.....	Steamship..	1,150	58 00	1 74	
"	"	"	"	1,150	63 00	1 89	
"	Norden	Danish.....	Barque.....	218	25 00	0 75	
"	Sebago	American.....	Schooner....	254	19 50	0 50	160 62
Neil Neilsen.....	Regina.....	Norwegian.....	Barque.....	798	36 00	1 08	
"	Montgomeryshire.....	"	"	1,300	44 50	1 34	78 08
Ed. Elsliger	Trio.....	"	"	870	36 50	1 10	
"	Borias	"	"	433	29 50	0 89	
"	Venus	Swedish.....	"	327	29 00	0 87	
"	R. D. Spears.....	American..	Schooner....	299	19 00	0 57	
"	Carrie Easter.....	British.....	"	179	24 00	0 72	
"	Rjukan	Norwegian.....	Steamship..	1,107	56 64	1 70	188 79
Wm. Donahoe.....	P. G. Blanchard.....	"	Barque.....	1,213	42 00	1 26	
"	Aelos	"	"	548	27 00	0 81	
"	Gamen.....	"	"	870	59 50	1 19	
"	Atlantic.....	Danish.....	"	270	24 50	0 74	
"	Albani	British.....	Schooner....	249	15 00	0 45	143 55

SESSIONAL PAPER No. 23

John McNeil.....	Arvilla.....	Norwegian.....	Barque.....	999	41 50	1 25	134 32
".....	Maren.....	Danish.....	".....	203	26 00	0 78	
".....	Micmac.....	British..	Steamship..	1,599	70 98	2 13	
Daniel McNeil.....	Preference.....	".....	Schooner....	242	20 00	0 60	
".....	Aelos.....	Norwegian..	Barque.....	548	5 00	0 15	36 86
".....	Leah A. Whidden.....	British.....	Schooner....	198	13 00	0 39	22 80
Robert McNeil.....	J. W. Hutt.....	".....	".....	349	23 50	0 70	
Total for Port of Dalhousie, N.B. (25 vessels).				15,906	840 70	25 17	815 53

OUTPORT OF RIVER LOUISON.

Name of Pilot.	Name of Vessel.	Nationality.	Rig.	Tonnage.	Total Dues. \$ cts.	Commission. \$ cts.	Total paid Pilot. \$ cts.
Wm. Donahue	Ida Barte.	Norwegian	Barque	602	29 00	0 87	
"	Julia Maria.	British	Schooner	247	27 00	0 81	
"	Benj. Bangs.	Norwegian	Barque	1,082	40 50	1 21	
"	Atlas	"	Steamship.	834	34 68	1 04	
"	Sigrid.	"	Barque	536	30 50	0 91	156 84
Robert McNeil	Veritas	Danish	Schooner	162	17 00	0 51	
"	Vanloo.	Italian	Barque	1,465	39 00	1 17	
"	Hefhir.	Norwegian	"	800	41 50	1 24	94 58
Ed. Elsliger	Solsherg	"	"	889	82 00	0 96	31 04
John McNeil	Lily	"	"	499	25 00	0 75	24 25
Jos. Elsliger	Klaro	"	"	430	29 00	0 87	28 13
Total for Outport River Louison (11 Vessels)				7,546	345 18	10 34	334 84

PORT OF DALHOUSIE.

Robert McNeil	Richard.	British	Steamship.	279	25 58	0 77	50 21
"	Sebago	American	Schooner	254	26 50	0 80	
Jos. Elsliger	Helene Horn	German	Steamship.	1,150	58 00	1 74	
"	"	"	"	1,150	63 00	1 89	
"	Norden	Danish	Barque.	218	25 00	0 75	
"	Sebago	American	Schooner	254	19 50	0 50	160 62
Neil Neilsen	Regina	Norwegian	Barque	798	36 00	1 08	
"	Montgomeryshire	"	"	1,300	44 50	1 34	78 08
Ed. Elsliger	Trio	"	"	870	36 50	1 10	
"	Borias	"	"	433	29 50	0 89	
"	Venus	Swedish	"	327	29 00	0 87	
"	R. D. Spears	American	Schooner	299	19 00	0 57	
"	Carrie Easter	British	"	179	24 00	0 72	188 79
"	Rjukan	Norwegian	Steamship.	1,107	56 64	1 70	
Wm. Donahoe	P. G. Blanchard	"	Barque	1,213	42 00	1 26	
"	Aelos	"	"	548	27 00	0 81	
"	Gamen	"	"	870	59 50	1 19	
"	Atlantic	Danish	"	270	24 50	0 74	
"	Albani	British	Schooner	249	15 00	0 45	143 55

SESSIONAL PAPER No. 23

John McNeil.....	Arvilla.....	Norwegian.....	Barque.....	999	41 50	1 25	134 32
"	Maren	Danish	"	203	26 00	0 78	
"	Micmac	British.. ..	Steamship..	1,599	70 98	2 13	
Daniel McNeil.....	Preference	"	Schooner....	242	20 00	0 60	
"	Aelos	Norwegian..	Barque.....	548	5 00	0 15	36 86
"	Leah A. Whidden	British.....	Schooner....	198	13 00	0 39	22 80
Robert McNeil	J. W. Hutt.....	"	"	349	23 50	0 70	
Total for Port of Dalhousie, N.B. (25 vessels).				15,906	840 70	25 17	815 53

RECAPITULATION.

Ports.	Vessels.	Tonnage.	Total Dues.	Com- mission.	Paid Pilots.
			\$ cts.	\$ cts.	\$ cts.
Campbellton	34	27,199	1,849 09	55 40	1,793 69
Dalhousie.....	25	15,906	840 70	25 17	815 53
River Louison.....	11	7,546	345 18	10 34	334 84
Total for district.....	70	50,651	3,034 97	90 91	2,944 06

INDIVIDUAL earnings of pilots.

Names.	Total Dues.	Commission.	Net Amount.
	\$ cts.	\$ cts.	\$ cts.
Ed. Elsliger.....	714 61	21 42	693 19
N. Neilsen.....	586 94	17 61	569 33
Jos. Elsliger.....	505 59	15 08	490 51
John McNeil.....	489 03	14 65	474 38
Robert McNeil.....	358 12	10 73	347 39
Wm. Donahue .. .	309 68	9 29	300 39
D. C. McNeil	71 00	2 13	68 87
Grand Total	3,034 97	90 91	2,944 06

KILGOUR SHIVES,
Chairman.

FRANK S. BLAIR,
Secretary.

CAMPBELLTON, N.B., December 31, 1904.

SESSIONAL PAPER No. 23

STATEMENT of Oversea or Foreign-going Vessels.

Description.	1903.		1904.	
	No.	Tons.	No.	Tons.
Steamers	455	1,396,442	357	1,215,384
Barques.....	2	1,388	4	1,462
Brigs and schooners.....	1	249	4	1,522
Ships.....	1	1,542	.....	.....
Totals.....	459	1,399,621	365	1,218,368

Decrease of 94 vessels and 181,253 tons.

STATEMENT of Lower Port Arrivals.

Steamers.....	293	452,874	354	571,617
Brigs and schooners.....	16	3,840	12	2,226
Totals.	309	456,714	366	573,843

Increase of 55 vessels and 117,129 tons.

CLEARANCES of Lower Ports.

Steamers.....	79	58,757	83	72,357
Brigs and schooners.....	11	2,103	10	919
Totals.....	90	60,860	93	73,276

Increase of 3 vessels and 12,416 tons.

Revenue, 1903.....	\$ 12,793 82
" 1904.....	10,864 06
Decrease.....	\$ 1,929 76

PORT WARDEN'S OFFICE.
STATEMENT of Receipts and Expenditure for year ended December 31, 1904.

Dr.

Cr.

1903		\$	cts.	1904.		\$	cts.
Dec. 31..	To balance cash in bank.. .. .	13,241	51	Dec. 31..	By paid salaries, &c.: .. .		
	Cash in port warden's hands.. .. .	99	70		Archd. Reid, port warden .. .	2,700	00
					Jas. N. Bales, deputy port warden.. .. .	2,000	00
1904.	Outstanding accounts, 1903.				W. J. Andrews, bookkeeper .. .	1,700	00
Dec. 31..	Revenue derived as under: .. .				H. C. Lane, clerk .. .	720	00
	7,637,540 bushels wheat.				W. Bannie, junior clerk .. .	176	00
	115,259 " buckwheat.				J. A. Vibert, allowance .. .	300	00
	221,754 " peas .. .				Superannuation allowance: .. .		
	816,864 " barley .. .				Archd. Reid, port warden .. .	300	00
	4,641 " rye .. .				Jas. N. Bales, deputy port warden.. ..	200	00
	1,209,348 " oats .. .				W. J. Andrews, bookkeeper .. .	200	00
	3,592,535 " corn .. .				J. A. Vibert .. .	179	94
	18,739 tons oil-cake .. .				Board of Trade, secretarial expenses .. .	1,000	00
	12,451 " minerals .. .						9,475 00
	55 " dried grains .. .				Rent, fuel and taxes .. .	312	58
	765 barrels ashes .. .				Telephone, light, cleaning office, &c.	234	70
	941,282 " flour and meal .. .				Lloyds' register and shipping papers .. .	34	45
	356,444 " apples .. .	891	11		Books, printing and stationery .. .	104	00
	109,916 head oxen and horses .. .	1,099	16		Cab and car-fares .. .	14	50
	47,036 " sheep .. .	117	59		Miscellaneous expenses .. .	42	09
	239,504 tons sundries .. .	4,790	08		Alf. W. Hadrill, auditor .. .	100	00
	39,388 " hay .. .	787	76				10,318 26
	146,272,952 feet sawn lumber .. .	731	36		Treasurer, Board of Trade, for investment.. ..	10,000	00
	Port warden's fees (inwards) .. .	148	50		Outstanding accounts written off, 1903.. ..	18	31
	" " (outwards) .. .	2,036	00		" " 1904 .. .	6	84
	Special surveys .. .	130	00		Balance, cash in bank .. .	7,602	13
	Damaged cargo certificates.. ..	132	50		" " port warden's hands .. .	63	56
							7,665 69
	Interest, bank account .. .	279	58				
	Treasurer, Board of Trade, interest on investments .. .	3,498	44				
1905.	Balance .. .	7,665	69				
Jan. 2..							28,009 19

Audited and found correct, E. & O. E.
ALF. W. HADRILL, Auditor.
ARCHIBALD REID,
Port Warden.

MONTREAL, January 3, 1905.

SESSIONAL PAPER No. 23

STATEMENT of the Investments of the Surplus Funds of the Port Warden's Office at Montreal, and of interest accruing therefrom during the year ended December 31, 1904.

Date.		Amount.	Per cent for 12 mos.	Interest.
		\$ cts.		\$ cts.
Feb. 16, 1880..	Expended \$2,380.34 in purchase of Dominion Govern- ment stock	2,300 00	3½	80 50
Aug. 16, 1880..	Expended \$7,254.11 in purchase of city of Montreal registered stock	7,000 00	5	350 00
April 18, 1884..	Expended \$5,031.34 in purchase of city of Montreal registered stock, Nos. 1720, 1, 2, 3, 4, five at \$1,000 each	5,000 00	4	200 00
Mar. 14, 1887..	Expended \$10,320.75 in purchase of city of Montreal consolidated stock	10,000 00	4	400 00
.....	Loan to Montreal Board of Trade building fund.....	60,000 00	4	2,400 00
Oct. 31, 1904..	" " " "	10,000 00	4*	69 74
	Total investments.....	94,300 00		3,500 24

For sixty-two days.

JAMES THOM,
Treasurer, Montreal Board of Trade.

GEORGE HADRILL,
Secretary, Montreal Board of Trade.

APPENDIX No. 29

REPORT OF THE PORT WARDEN AT QUEBEC, FOR THE YEAR
ENDING DECEMBER 31, 1904.

QUEBEC, December 5, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—As is usual at the close of the season I send you a return of the business transacted in the Port Warden's office during the season just closed. It shows the receipts and disbursements to have been as follows, viz. :—

Receipts from all sources.....	\$774 50
Disbursements, rent, salaries, &c.....	424 50
	<hr/>
Balance, total net receipts.....	\$350 00

I also inclose report on cattle and sheep shipped at Quebec, in duplicate, on which no fees were charged, as per instructions.

Only one steamer took 100 head of cattle at Quebec during the season.

The business done in this office during the season just closed has been much less than any former year. Owing to the depression of trade and the remuneration is very small after deducting office rent, clerk's salary, taxes and other office expenses as above

With much respect.

I am your obedient servant,

W. SIMONS,
Port Warden.

PORT WARDEN'S OFFICE,
101 St. Peter Street, Quebec,
December 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa, Ont.

SIR,—As requested by the 30th section of the Port Warden's Rules I beg respectfully to submit the following annual statement of the business transacted in this office during the year ending December 31, 1904, as follows :—

Fifty-nine steamers were surveyed for clearance outwards, after taking part cargo on board at this port, having previously shipped part cargo of grain and other goods at Montreal.

Twenty-six steamers and ten sailing vessels were surveyed, their hatches opened and cargo examined on their arrival from sea.

Five steamers and three sailing vessels were surveyed on account of grounding and stranding in the river St. Lawrence below and above Quebec.

Four steamers and two sailing vessels were surveyed on account of collision damage.

Two steamers were surveyed and their value estimated for general average purpose.

Two surveys were held on damaged goods in store and on wharfs.

SESSIONAL PAPER No. 23

The receipts and disbursements of this office were as follows :—

Receipts from all sources.....	\$774 50
Expenses.....	424 50
	<hr/>
Balance, net receipts.....	\$350 00

Besides the above there were several vessels damaged by stranding and otherwise that did not come under the Port Warden Rules.

One steamer took live stock at Quebec during the season, amounting in all to 100 cattle, on which if fees had been collected as in former years, would have amounted to \$1.50.

With much respect,
I am your obedient servant,

W. SIMONS, Naval Architect,
Port Warden.

APPENDIX No. 30

REPORT OF THE PORT WARDEN AT HALIFAX, N. S., FOR THE YEAR
ENDING DECEMBER 31, 1904.

HALIFAX, December 31, 1904.

F. GOURDEAU, Esq.
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my report for the year ending December 31, 1904, accompanied by a statement of the receipts and expenditure during that period.
Surveys have been held on sixteen steamers and seven sailing vessels which arrived at this port in a damaged condition during the year. The necessary repairs were made to the vessels and those of them bound to other ports with their cargoes proceeded to their destinations where they have all arrived safely.

I have the honour, to be, sir,
Your most obedient servant,

DAVID HUNTER,
Port Warden.

RECEIPTS AND EXPENDITURE of the Port Warden, Halifax, N.S., from January 1, to
December 31, 1904.

DR.	\$ cts.	CR.	\$ cts.
To amount of fees received as Port Warden.....	1,840 50	By paid assistants, office expenses, &c..	1,331 54
To fees for Inspection of Cattle Fittings	105 25	By amount reverting to Port Warden..	614 21
	1,945 75		1,945 75

I hereby certify that the above is a true and correct statement of the receipts and expenditure of the Port Warden at Halifax, N.S. during the year 1904.

DAVID HUNTER,
Port Warden.

APPENDIX No. 3I

REPORT OF THE PORT WARDEN AT PICTOU, N. S., FOR THE YEAR ENDING DECEMBER 31, 1904.

Pictou, N.S., January 3, 1905.

SS. <i>Lunenburg</i> of Halifax, August 2, two surveys.....	\$ 16 00
October 28, schooner <i>Minnie E. Moody</i> , of Richibucto, N.B., one survey, no hatches.....	2 50
Total	18 50
Expenses, &c.....	\$ 3 00

W. C. MUNRO,
Port Warden of the Port of Pictou, N.S.

APPENDIX No. 32

REPORT OF THE PORT WARDEN AT PORT HAWKESBURY, FOR THE
YEAR ENDING DECEMBER 31, 1904.

PORT HAWKESBURY, January 6, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of the doings of this office with a statement of the fees collected by me. And also the attendant expenses during the past year.

I have the honour to be, sir,
Your obedient servant,
D. W. HENESEY.

2 surveys on steamer <i>Shannon</i>	\$ 33 00
1 survey on hatches of schooner <i>Earnest</i>	2 50
2 surveys on schooner <i>Minnie E. Moody</i>	23 00
2 surveys on schooner <i>Robt. F. Mason</i>	33 00
3 surveys on steamer <i>Pawnee</i>	38 00
2 surveys on schooner <i>Clarence B.</i>	10 00
	<hr/> \$ 139 50
Paid Wm. Duff, shipwright	\$ 10 00
J. J. Hennesey, master mariner	30 00
W. H. Paint, Loyds' agent	10 00
Capt. Lewis Anderson, marine Ins. agent	5 00
K. Morrison, marine engineer	15 00
	<hr/> \$ 70 00
Balance	69 50
	<hr/> \$ 139 50
Amount reverting to Port Warden	69 50

I hereby certify the above to be correct to the best of my knowledge and belief.

D. W. HENESEY,
Port Warden.

(Sworn to before.)
WILLIAM DUFF.

PORT HAWKESBURY, January 6, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report, being that for the year ending December 31, 1904.

I have the honour to be, sir,
Your obedient servant,
D. W. HENESEY,
Harbour Master.

SESSIONAL PAPER No. 23

Number.	Rig.	Registered Tonnage.	Fees Collected.
8	Steamers.....	2,450	\$ 15 00
1	Barge.....	99	1 00
1	Barkentine.....	560	4 00
1	Brigantine.....	318	2 00
90	Schooners.....	7,575	87 50
		11,002	109 50

I hereby certify that the above is a true and correct statement of all harbour dues collected at Port Hawkesbury, for the year ending December 31, 1904, to the best of my knowledge and belief.

D. W. HENESEY,
Harbour Master.

Sworn to before.

WILLIAM DUFF, J.P.

January 6, 1905.

APPENDIX No. 33

REPORT OF THE PORT WARDEN FOR PRINCE EDWARD ISLAND
FOR THE YEAR ENDING DECEMBER 31, 1904.PORT WARDEN'S OFFICE,
PRINCE EDWARD ISLAND, December 31, 1904.F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my annual report of the business of my office during the past year.

I regret to report that the grain crop has been below the average this year, which caused very little being shipped from the island this season.

I am glad to say that vessels loading any cargoes under my supervision have arrived safely at port of destination.

I have the honour to be, sir,
Your obedient servant,

H. P. WELSH.

RECEIPTS and Expenditure of the Port Warden's Office, Prince Edward Island, for the
year ending December 31, 1904.

Date.	Receipts.	Amount.	Date.	Expenditure.	Amount.
1904.		\$ cts.	1904.		\$ cts.
	To fees derived from grain-laden vessels.....	16 70		By Expense of office.....	5 25
	Survey on hatches.....	6 00		Commission to deputies..	8 35
	Other surveys.	28 00		Balance.....	37 10
		50 70			50 70

I hereby certify that the above is a correct statement.

H. P. WELSH.

CHARLOTTETOWN, P.E.I., December 31, 1904.

SESSIONAL PAPER No. 23

APPENDIX No. 34

REPORT OF THE PORT WARDEN AT YARMOUTH, N.S., FOR THE
YEAR ENDING DECEMBER 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I now have the honour to forward you my report as port warden at Yarmouth, N.S. I have been called on twenty-one times for surveys of vessels arriving in distress and for seaworthiness after being repaired, including survey on their cargo, if any; also surveys of hatches.

The gross amount of fees collected for the year was \$283. I paid out for assistance \$110, leaving a net balance of \$173.

I have the honour to remain,
Your obedient servant,

EBN'R. SCOTT,
Port Warden.

On this fifth day of January, A.D. 1905, before me, the subscriber, personally came and appeared Ebenezer Scott, above named, and made oath that the above report, to which he has subscribed his name, is correct and true.

EDGAR N. CLEMENTS,
Notary Public, Yarmouth, N.S.

APPENDIX No. 35

REPORT OF THE PORT WARDEN AT ST. ANDREWS, N.B., FOR THE
YEAR ENDING DECEMBER 31, 1904.

St. Andrews, Jan. 6, 1905.

Surveyed hatches schr. <i>Gypsum Empress</i>	\$ 2 50
“ “ <i>Gypsum King</i>	2 50
	<hr/>
	\$ 5 00

JOHN WREN,
Port Warden.

APPENDIX No. 36

REPORT OF THE PORT WARDEN AT ANNAPOLIS, N.S., FOR THE
YEAR ENDING DECEMBER 31, 1904.

ANNAPOLIS, N.S., December 31, 1904.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit my report as port warden of this port for the
year ending December 31, 1904.

Amount of fees collected, \$13.

I have the honour to be, sir,
Your most obedient servant,

SIMON W. RILEY,
Port Warden.

APPENDIX No. 37

REPORT OF THE PORT WARDEN AT HOPEWELL CAPE, FOR THE
YEAR ENDING DECEMBER 31, 1904.

HOPEWELL CAPE, February 14, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

DEAR SIR,—I am in receipt of your favour of the 10th inst., and note contents.

Although a large amount of shipping has visited our port, my services have not
been called upon. It was an oversight on my part in not forwarding my report.

Truly yours,

H. J. BENNETT.

SESSIONAL PAPER No. 23

APPENDIX No. 38

REPORT OF THE PORT WARDEN AT SYDNEY, N.S., FOR THE YEAR
ENDING DECEMBER 31, 1904.

SYDNEY, N.S., January 11, 1905.

F. GOURDEAU, Esq.,
Deputy Minister of Marine and Fisheries,
Ottawa.

SIR,—Herewith I have the honour to hand you my report for the year 1904 as
port warden for the port of Sydney, N.S.

Your obedient servant,

NELSON H. TOWNSEND,
Port Warden.

PORT WARDEN'S RECORD OF SHIPPING,

Date.	Ship's Name.	Master's name.	Register Tonnage.
1904.			
April 13....	S.S. Priestfield.....	Day.....	2,612
.....	" Salerno.....	Olsen.....	1,683
May 21....	" Indriana.....	Gillies.....	2,339
" 26....	" Sicily.....	Keys.....	1,130
" 23....	" Kennebec.....	Roberts.....	1,923
" 28....	" Eidwald.....	Hamberg.....	2,292
" 31....	" Melville.....	Jones.....	2,871
" 31....	" Bangor.....	Brown.....	2,201
June 15....	" Naparima.....	Fyfe.....	1,043
" 16....	" Hermes.....	Skogg.....	2,046
" 20....	" Edith Heyne.....	Schubert.....	1,338
" 21....	" Hector.....	Boxstrom.....	1,336
July 18....	" Minnie.....	Peet.....	783
" 27....	" Bangor.....	Brown.....	2,201
" 30....	" Hesperus.....	Himberg.....	1,275
Aug. 6....	" Oscar II.....	Peterson.....	2,247
" 20....	" Yanarina.....	Grindlay.....	2,155
" 24....	" Bernilla.....	Jackson.....	1,633
Sept. 2....	" Forest Holme.....	Beaton.....	1,544
" 21....	" Degama.....	Bridges.....	2,245
" 26....	" Lord Londonderry.....	Girvan.....	1,621
" 27....	" Oriana.....	Sullivan.....	2,382
" 30....	" Oscar II.....	Peterson.....	2,247
Oct. 3....	" Atlas.....	Jacobsen.....	834
" 4....	" Fos.....	Tufte.....	1,582
" 4....	" Herbert Horn.....	Hinz.....	1,493
" 13....	" Loughrigg Holme.....	Chadwick.....	1,317
" 14....	" Donald.....	Rosseland.....	408
" 15....	" Skanderborg.....	Jensen.....	1,195
" 29....	" Donald.....	Rosseland.....	408
" 29....	" Progress.....	Sheen.....	1,641
Nov. 24....	" Tordenskjold.....	Kroger.....	2,296
" 26....	" Oscar II.....	Peterson.....	2,247
" 28....	" Melville.....	Jones.....	2,871
Dec. 2....	" Sirius.....	Ralff.....	814
	Total.....		60,753

INTERNATIONAL PIER,
SYDNEY, N.S., January 11, 1905.

SESSIONAL PAPER No. 23

INTERNATIONAL PIER, SYDNEY.

Cargo.	Place from.	Place to.	Draft.				Free Board.		Fee.	
			For-ward.		Aft.					
			ft.	in.	ft.	in.	ft.	in.	\$	cts.
Pig iron and steel billets.	Sydney, N.S.	Liverpool	23	9	23	9	6	10	8	00
" spool wood.	"	Glasgow	23	0	23	0	3	6	8	00
" steel billets; also general cargo.	" and Baltimore	"	23	9	25	4	6	5½	8	00
Steel billets.	Sydney	Liverpool	20	10	21	11	5	2	8	00
Grain.	Chicago, Ill.	New York	13	9	14	6	13	6	8	00
Coal	Sydney, N.S.	Stockholm	22	11	23	5	6	4	8	00
General cargo.	Montreal	Cape Town, S. A.	23	10	24	0	6	2½	8	00
Deals	Newcastle, N.B.	Belfast	21	6	22	0	9	6½	8	00
"	Three Rivers	London	17	6	17	6	1	10	8	00
"	Montreal and Quebec	"	20	11	21	2	5	10	8	00
"	Nelson, N.B.	Preston, Eng.	Mean Draft.				18	2½	8	00
"	English Bay, Que.	Bristol	16	8	18	0	2	8½	8	00
"	Rimouski	Fleetwood	22	0	22	0	9	5½	8	00
"	Chatham, N.B.	Belfast	17	6	18	7	8	5	8	00
" and general cargo.	English Bay, Que.	Bristol	17	6	18	6	18	0½	8	00
Coal	Sydney, N.S.	Stockholm	20	5	21	2	3	9	8	00
Deals	Matane, Que.	Cork	20	4	23	3	9	6½	8	00
"	Three Rivers, Que.	London	19	0	20	0	4	8½	8	00
"	Three Pistoles, Que.	Yarmouth, Eng.	19	2	19	10	10	1½	8	00
Coal	Sydney, N.S.	Vera Cruz, M.	20	1	23	0	5	8½	8	00
Deals	Chatham, N.B.	Dublin	20	5	21	2	7	9	8	00
General cargo	Montreal	Cape Town, S. A.	21	0	20	3	10	9½	8	00
Coal	Sydney, N.S.	Stockholm	20	5	21	2	3	9	8	00
Deals	New Mills, N.B.	Brow Head	17	0	18	4	2	8	8	00
"	Rimouski, Que.	Londonderry	19	9	20	6	3	3	8	00
"	Chatham, N.B.	Dublin	Mean Draft.				18	6	8	00
"	Bathurst, N.B.	Bordeaux	18	2	19	2	9	8	8	00
Pitch and coal tar	Sydney, N.S.	Port Amboy	Mean Draft.				15	6	8	00
Deals	Rimouski	London	"		"		17	7½	8	00
Pitch and coal tar	Sydney	Port Amboy	"		"		15	6	8	00
Deals	Chicoutimi	Queensboro	23	4	23	4	6	10	8	00
"	Chatham, N.B.	Brow Head	Mean Draft.				19	7½	8	00
Coal	Sydney	Stockholm	20	2	20	6	4	2	8	00
"	"	Cape Town, S. A.	24	0	23	10	6	2½	8	00
"	"	Stockholm	15	5¾	16	6½	2	0¾	8	00
									280	00

NELSON H. TOWNSEND,
Port Warden.

4-5 EDWARD VII., A. 1905

APPENDIX No. 39

REPORT OF THE PORT WARDEN AT MONCTON, N.B., FOR THE YEAR
ENDING DECEMBER 31, 1904.

[MONCTON, N.B., February 13, 1905.

F. GOURDEAU, Esq.
Deputy Minister Marine and Fisheries,
Ottawa, Ont.

SIR,—Replying to yours, No. 25,927 under date of February 10, 1905, I beg to inclose the report of the year ending December 31, 1904, for the port of Moncton, New Brunswick.

Yours very truly,

JAMES HAMILTON,
Port Warden.

	Fees.
April 28. Survey held on hatch of schooner <i>Virginia</i>	\$ 2 50
September 29. Survey held on cargo of molasses, schooner <i>Virginia</i> , damaged by heavy weather	5 00
	<hr/> \$7 50

JAMES HAMILTON,
Port Warden, Port of Moncton.

APPENDIX No. 40

REPORT OF THE PORT WARDEN AT WESTPORT, FOR THE YEAR
ENDING DECEMBER 31, 1904.

WESTPORT, January 5, 1904.

F. GOURDEAU,
Deputy Minister Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour to submit my report as port warden at Westport. I neither visited nor collected money from a single vessel during the last year.

I have the honour to be, sir,

Your obedient servant,

GEO. WELCH,
Port Warden.

SESSIONAL PAPER No. 23

APPENDIX No. 41

REPORT OF THE PORT WARDEN AT VANCOUVER, B.C., FOR THE
YEAR ENDING DECEMBER 31, 1904.

VANCOUVER, B.C., January 9, 1905.

F. GOURDEAU,
Deputy Minister Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour of submitting to you my annual report of port warden of the port of Vancouver, B.C., ending December 31, 1904.

Amount of fees received for surveys of hatches and cargoes, \$424.

I have the honour to be,
Your obedient servant,

MALCOLM McLEOD,
Harbour Master.

APPENDIX No. 42

REPORT OF THE PORT WARDEN AT VICTORIA, B.C., FOR THE YEAR
ENDING DECEMBER 31, 1904.

January 4, 1905

Deputy Minister Marine and Fisheries,
Ottawa, Ont.

SIR,—I have the honour of submitting my report as port warden, for the ports of Victoria and Esquimalt, B.C., for the year ending on the 31st of December, 1904.

Amount of fees received for surveys on the hatches of 36 vessels.....	\$ 180 00
Amount received for surveys on cargoes. &c.....	343 50

Total amount of fees received.....	\$ 523 50
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I have the honour to be, sir,
Your obedient servant,

CHAS. E. CLARKE,
Port Warden.

APPENDIX No. 43

HARBOUR MASTERS.

TABLE showing the names of ports proclaimed under certain Dominion Acts, the provisions of which are found in chapter 86, Revised Statutes of Canada, for the appointment of harbour masters; the dates of proclamation; the names of the harbour masters appointed; the dates of the appointment of harbour masters; the amount which each of their salaries is not to exceed; the amount of fees collected by each of them during the calendar year ended December 31, 1904, and the over-plus, if any, paid in to the credit of the Receiver General.

PROVINCE OF ONTARIO.

Name of Port.	Date of Proclama- tion.	Name of Harbour Master.	Date of Appoint- ment.	Amount from the fees of office salary not to exceed.	Amount collect- ed in 1904.	Amount paid over to Recei- ver General.
				\$ cts.	\$ cts.	\$ cts.
Collingwood.	Mar. 3, '77	Henry Foreman.	May 5, '04	200 00	.....	.....
Depot Harbour.	May 30, '98	J. F. Pratt.	June 15, '98	200 00	.....	.....
Fort William.	July 7, '91	Thos. E. Oakley.	May 21, '97	400 00	.....	.....
French River.	June 20, '93	S. C. McElwain.	" 16, '04	200 00	.....	.....
Goderich.	April 22, '76	William Marlton.	" 8, '94	300 00	.....	.....
Meaford.	July 16, '02	Samuel McClain.	July 16, '02	200 00	.....	.....
Midland.	" 22, '82	John White.	" 13, '97	300 00	.....	.....
Oshawa.	Aug. 10, '04	W. T. Henry.	Aug. 10, '04	300 00	.....	.....
Parry Sound.	Mar. 19, '83	John Purvis.	Oct. 9, '00	200 00	.....	.....
Penetanguishene.	Feb. 2, '77	Francis Dusome.	June 3, '81	200 00	.....	.....
Port Arthur.	May 12, '84	B. Guerard.	May 21, '97	200 00	.....	.....
Port Stanley.	Jan. 15, '98	Frank E. Shepard.	Jan. 15, '98	200 00	.....	.....
Rondeau.	May 4, '78	W. R. Fellowes.	Dec. 17, '88	100 00	.....	.....
Southampton.	Sept. 23, '75	W. H. Johnson.	Oct. —, '82	100 00	.....	.....
Sarnia.	July 25, '85	Robt. McAdam.	May 3, '86	300 00	.....	.....
Trenton.	Nov. 12, '04	Oscar C. Lawson.	Nov. 12, '04	200 00	.....	.....

PROVINCE OF QUEBEC.

Amherst.	Sept. 2, '78	John Cassidy.	Sept. 2, '78	200 00	.....	.....
Bersimis.	July 31, '91	Earl D. Chase.	July 31, '91	200 00	.....	.....
Carleton.	Dec. 8, '81	Charles Bernier.	April 15, '02	200 00	.....	.....
Chicoutimi.	May 23, '85	Ainsworth Sturton.	June 8, '86	200 00	.....	.....
Grand Entry.	Feb. 19, '92	John A. Chenell.	" 21, '04	200 00	.....	.....
Grand River.	April 3, '00	Geo. Beaudin.	April 3, '00	100 00	.....	.....
Gaspé.	Sept. 25, '74	Francis G. Eden.	" 3, '89	500 00	.....	.....
House Harbour.	Aug. 19, '87	C. Lafrance.	Dec. 10, '96	200 00	.....	.....
Matane.	Oct. 19, '77	L. J. Levasseur.	" 12, '96	200 00	.....	.....
Métis.	Feb. 7, '78	J. H. Ferguson.	Mar. 10, '96	200 00	.....	.....
New Carlisle.	" 25, '89	John Chisholm.	April 22, '02	200 00	.....	.....
New Richmond.	April 3, '82	F. X. Cormier.	" 15, '02	200 00	.....	.....
Nouvelle.	Jan. 3, '03	Joseph Casey.	Jan. 3, '03	200 00	.....	.....
Oak Bay.	Mar. 22, '80	Thos. Harper.	July 12, '04	200 00	.....	.....
Paspebiac.	May 23, '77	W. L. Kempffer.	Sept. 21, '00	150 00	.....	.....
Percé.	Sept. 17, '03	E. Donoghue.	Oct. 10, '03	100 00	.....	.....
Port Daniel.	Mar. 25, '89	George McInnis.	April 30, '03	200 00	.....	.....
Rimouski.	" 5, '77	A. P. St. Laurent.	May 13, '96	200 00	.....	.....
Rivière Ouelle.	July 22, '82	Vacant. ....	.....	100 00	.....	.....
Rivière du Loup.	June 19, '00	F. E. Gilbert.	Oct. 5, '02	100 00	.....	.....

SESSIONAL PAPER No. 23

TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*PROVINCE OF QUEBEC—*Concluded.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1904.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
St. Thomas.....	Dec. 21, '85	L. Dionne.....	Oct. 22, '96	200 00	.....	.....
St. Johns	Within the Harbour of Montreal...	G. H. Farrar.....	Mar. 20, '97	550 00	.....	.....
Sorel.....		J. A. Proulx.....	June 6, '01	400 00	.....	.....
Trois Pistoles.....	Mar. 28, '98	Edouard T. Pettigrew.....	April 11, '99	100 00	.....	.....

PROVINCE OF NEW BRUNSWICK.

Alma.....	May 2, '98	Gideon W. Parsons.....	May 2, '98	100 00	.....	.....
Bathurst.....	" 30, '73	N. Haché.....	April 14, '03	200 00	.....	.....
Black's Harbour and Beaver Harbour.....	Sept. 22, '83	E. W. Cross.....	Sept. 17, '83	100 00	.....	.....
Buctouche.....	May 30, '73	H. Hutchinson.....	April 17, '97	100 00	.....	.....
Campbellton.....	" 30, '73	G. E. Asker.....	May 5, '04	200 00	.....	.....
Campobello.....	" 30, '73	W. E. Sulis.....	Dec. 16, '92	100 00	.....	.....
Cape Tormentine.....	" 7, '95	M. S. Treen.....	May 13, '01	200 00	.....	.....
Caraquet.....	" 30, '73	X. G. Paulin.....	July 16, '02	150 00	.....	.....
Chatham.....	" 30, '73	R. J. Walls.....	April 13, '98	300 00	.....	.....
Cocagne.....	" 30, '73	H. Bourgeois.....	Mar. 12, '97	100 00	.....	.....
Dalhousie.....	" 30, '73	W. S. Smith.....	" 19, '88	200 00	.....	.....
Dorchester.....	" 30, '73	James Shea.....	Oct. 25, '00	200 00	.....	.....
Fairhaven.....	" 30, '01	Alonzo Calder.....	July 30, '01	200 00	.....	.....
Fredericton.....	" 30, '73	Vacant.....	.....	.....	.....	.....
Grand Manan, North...	Aug. 22, '89	Newton L. Thomas.....	Oct. 9, '00	100 00	.....	.....
Grand Manan, South...	" 22, '89	Turner Ingalls.....	May 23, '01	100 00	.....	.....
Gull Rock Channel.....	Jan. 14, '98	A. Johnson.....	April 27, '04	.....	.....	.....
Great Shemogue.....	May 17, '75	Vacant.....	.....	.....	.....	.....
Harvey.....	Apl. 10, '75	Wm. Wood.....	June 9, '03	100 00	.....	.....
Heron Channel.....	July 15, '97	Duncan Robertson.....	July 15, '97	200 00	.....	.....
Hillsborough.....	May 30, '73	John O'Shaughnessy.....	April 13, '98	150 00	.....	.....
Hopewell Cape.....	Aug. 25, '91	John H. Christopher.....	June 26, '99	200 00	.....	.....
Ledge of St. Stephens...	May 30, '73	W. McBean.....	" 12, '94	100 00	.....	.....
Letete, &c.....	Sept. 15, '83	Jacob Cook.....	Nov. 26, '97	100 00	.....	.....
Little Shippegan and Miscou Gully.....	April 19, '86	Donald Harper.....	April 19, '86	100 00	.....	.....
Little Shemogue.....	Sept. 5, '88	Vacant.....	.....	100 00	.....	.....
Moncton.....	May 30, '73	T. J. Coffey.....	April 12, '02	200 00	.....	.....
Musquash.....	Mar. 26, '74	J. McNulty.....	Sept. 28, '96	100 00	.....	.....
Newcastle.....	May 30, '73	John Russell.....	June 27, '04	300 00	.....	.....
North Joggins.....	" 30, '73	Vacant.....	.....	.....	.....	.....
Port Elgin and Baie Verte	Feb. 6, '73	Andrew Grant.....	May 7, '01	200 00	.....	.....
Pokemouche.....	July 23, '83	M. Landry.....	" 13, '01	100 00	.....	.....
Richibucto.....	May 30, '73	James Alexander Jardine..	" 11, '74	200 00	.....	.....
Rockland.....	" 30, '73	Vacant.....	.....	.....	.....	.....
Sackville.....	" 30, '73	E. Chase.....	May 11, '04	200 00	.....	.....
St. Andrew's.....	" 30, '73	John Wren.....	" 6, '84	100 00	.....	.....
St. George.....	" 30, '73	Geo. W. McKenzie.....	" 10, '00	100 00	.....	.....
St. Martin and Quaco...	" 14, '74	G. R. McDonough.....	July 16, '02	100 00	.....	.....
Shediac.....	" 30, '75	Alexander McQueen.....	May 19, '76	300 00	.....	.....
Shippegan.....	" 30, '73	James Degrâce.....	April 14, '03	100 00	.....	.....
Tracadie.....	July 15, '75	Théodore Savoy.....	Sept. 23, '99	100 00	.....	.....
Waterside.....	Sept. 3, '89	W. C. Anderson.....	May 24, '01	100 00	.....	.....
West Isles..	July 30, '01	B. Simpson.....	Sept. 27, '01	200 00	.....	.....

. PROVINCE OF NOVA SCOTIA.

Abbot Harbour.....	May 23, '01	F. U. D'Entremont.....	May 23, '01	200 00
Advocate	" 18, '80	Wm. Mills.....	Mar. 17, '99	100 00

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TABLE showing the names of Ports proclaimed under the Dominion Acts, &c.—*Con.*
PROVINCE OF NOVA SCOTIA—*Continued.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1904.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Annapolis.....	Mar. 12, '75	John Lindgreen.	July 7, '98	200 00	.....	.....
Apple River.....	Aug. 5, '86	Robt. D. Field.....	Sept. 9, '90	200 00	.....	.....
Arichat.....	April 22, '79	B. Gerrior.....	May 23, '01	200 00	.....	.....
Baddeck.....	Sept. 23, '75	Augus B. Morrison..	Aug. 3, '03	100 00	.....	.....
Barrington.....	April 1, '81	B. Kenney.....	July 6, '93	200 00	.....	.....
Bayfield.. ..	July 11, '79	John McDonald	" 11, '79	200 00	.....	.....
Bay St. Lawrence. .	April 21, '87	G. Zwicker.....	April 21, '87	200 00	.....	.....
Bear River.....	Sept. 25, '74	Wm. McFadden.....	Sept. 27, '97	100 00	.....	.....
Beaver Harbour	July 5, '80	Henry Hawbolt.....	" 22, '88	100 00	.....	.....
Big Harbour	May 28, '83	Donald McKenzie.....	May 28, '83	100 00	.....	.....
Bridgewater.....	" 6, '74	William Oakes	Jan. 28, '96	100 00	.....	.....
Big Bras d'Or	June 9, '03	James McLean	Aug. 13, '03	200 00	.....	.....
Cape Canso.....	" 6, '76	William A. H. Oliver..	Mar. 2, '99	100 00	.....	.....
Cape Negro or North East Harbour	May 18, '81	A. D. Perry	May 18, '81	200 00	.....	.....
Chester	Aug. 18, '83	A. C. Corkum	July 8, '96	100 00	.....	.....
Cheticamp	April 20, '76	Fulgence Aucoin	April 15, '76	100 00	.....	.....
Clark's Harbour	June 1, '81	John G. Nickerson	Mar. 23, '04	200 00	.....	.....
Clementsport.....	May 1, '77	J. M. LeCain.....	Oct. 18, '98	150 00	.....	.....
County Line to Grand Narrows.....	May 28, '83	Vacant. ....	.....	100 00	.....	.....
Crow Harbour.....	Sept. 30, '88	A. F. Ehler.....	Aug. 26, '97	100 00	.....	.....
D'Escousse.....	Jan. 23, '85	Michael Martell.....	April 22, '02	100 00	.....	.....
Digby	Feb. 19, '78	Howard Anderson	June 19, '02	200 00	.....	.....
East Bay.....	Aug. 18, '83	Donald McInnis	April 5, '86	100 00	.....	.....
Fourchu	May 22, '89	Neil MacLean	May 22, '89	100 00	.....	.....
Gabarus	Mar. 3, '79	John W. Hardy.....	Nov. 2, '86	100 00	.....	.....
Glasgow and Cape Breton Pier, Sydney	Oct. 30, '80	Angus McQuarrie.....	Oct. 30, '80	300 00	.....	.....
Guysboro	Jan. 15, '89	Archibald M. Peart.....	Feb. 11, '02	100 00	.....	.....
Halifax	No proclamation required by Act	J. E. Butler.....	Sept. 21, '93	1,800 00	.....	.....
Hantsport.....	June 27, '84	Wm. McCulloch	Jan. 17, '92	300 00	.....	.....
Ingonish, North Bay....	Mar. 22, '81	John Jackson.....	April 25, '02	200 00	.....	.....
" South Bay....	Oct. 9, '84	James Doucette.....	" 30, '01	100 00	.....	.....
Ingram River	Feb. 18, '02	Rand. Gibbons.....	Feb. 18, '02	100 00	.....	.....
International Pier, Sydney	Oct. 30, '80	Michael J. Neville	Oct. 30, '80	300 00	.....	.....
Isaac's Harbour	" 30, '89	Thomas D. Cook.....	June 19, '00	100 00	.....	.....
Jeddore.....	Sept. 20, '90	Enos Baker.....	Dec. 3, '03	100 00	.....	.....
Jordan Bay	Oct. 25, '76	Freeman P. Thorburn.....	Mar. 11, '01	150 00	.....	.....
Kelly Cove	Feb. 17, '99	Jos. B. Huskins.....	Feb. 17, '99	100 00	.....	.....
La Have or Getson's Cove	Mar. 12, '75	George Henry Zwicker....	" 25, '75	300 00	.....	.....
L'Ardoise, Upper and Lower.....	Aug. 29, '84	George Burke.	Aug. 29, '84	100 00	.....	.....
Lingan.....	July 12, '81	Vacant.....	.....	200 00	.....	.....
Liscomb.....	May 18, '81	Louis Wilson.. ..	Feb. 20, '00	200 00	.....	.....
Little Bras d'Or Lake between McKay's Point and Grand Narrows...	April 25, '84	Daniel C. Campbell.....	April 17, '99	100 00	.....	.....
Little Bras d'Or Lake from McKay's Point to Washadebuck River..	April 25, '84	Alex. J. McNeill	April 25, '84	100 00	.....	.....
Little Glace Bay.....	Aug. 3, '74	E. Douglas Rigby.....	May 8, '84	200 00	.....	.....
Little Narrows to Cranberry Point.....	May 28, '83	K. McLennan	Nov. 1, '97	100 00	.....	.....
Liverpool	Jan. 19, '77	Isaac V. Dexter.....	Oct. 7, '99	200 00	.....	.....
Lockeport.....	May 18, '81	E. A. Capstick.....	May 18, '81	200 00	.....	.....
Louisburg.....	Mar. 17, '79	H. C. V. Lavatte.....	Oct. 13, '98	200 00	.....	.....
Lunenburg.....	Dec. 3, '75	John Loye.....	Dec. 10, '96	150 00	.....	.....
Matou	June 23, '80	John McInnis.	July 11, '00	100 00	.....	.....

SESSIONAL PAPER No. 23

TABLE showing the names of Ports proclaimed under the Dominion Act, &c.—*Con.*PROVINCE OF NOVA SCOTIA—*Concluded.*

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1904.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Mahone Bay.....	May 16, '87	J. A. Mader.....	Jan. 21, '01	200 00		
McNair's Cove.....	Mar. 12, '75	Ronald McEachen.....	Mar. 8, '75	150 00		
Main à Dieu.....	July 21, '86	Vacant.....				
Marble Mountain.....	" 26, '92	D. McDonald.....	July 26, '92	200 00		
Margaretsville.....	Mar. 26, '78	Robert Early.....	Mar. 26, '78	100 00		
Margaret's Bay.....	July 16, '75	Henry C. Garrison.....	Dec. 14, '01	100 00		
Margaree.....	June 5, '86			100 00		
Marie Joseph.....	Jan. 23, '95	John Davis.....	Jan. 23, '95	100 00		
Merigomish.....	Mar. 28, '98	D. McGregor.....	Mar. 22, '93	100 00		
Meteghan Harbour.....	June 8, '97			100 00		
Meteghan River.....	" 8, '97	L. A. Comeau.....	June 1, '97	100 00		
Musquodoboit.....	May 19, '82	David Williams.....	May 19, '82	100 00		
New Haven.....	June 9, '83	H. A. McLeod.....	Aug. 17, '89	100 00		
Neil's Harbour.....	April 11, '76	A. Hayman.....	May 28, '83	100 00		
Northport.....	June 27, '82	James Davis.....	Dec. 21, '03	100 00		
North-west Cove, Coleman's Cove and Aspotogan Harbour.....	Dec. 29, '76	P. Boutilier.....	June 30, '92	200 00		
Parrsboro'.....	Oct. 22, '73	R. T. Smith.....	April 30, '01	300 00		
Petit de Grat.....	June 5, '95	S. Boudrot.....	June 5, '95	200 00		
Petite Rivière.....	" 23, '83	John Nelson Parks.....	April 27, '88	100 00		
Plaster Harbour.....	May 6, '74	Vacant.....				
Port George.....	" 1, '77	Charles B. Weaver.....	May 1, '77	150 00		
Port Greville.....	Mar. 5, '80	Wm. Cochrane.....	Oct. 26, '98	200 00		
Port Hawkesbury.....	July 9, '75	D. W. Henesey.....	July 9, '75	200 00		
Port Hood.....	" 9, '75	John H. Murphy.....	" 9, '75	200 00		
Port la Tour.....	April 14, '81	Wm. Sholds.....	Feb. 15, '98	200 00		
Port Lorne.....	Mar. 13, '86	Freeman Beardsley.....	June 9, '97	200 00		
Port Maitland.....	May 26, '85	Josiah Ellis.....	Dec. 10, '96	200 00		
Port Morien.....	Nov. 15, '79	Hector McDonald.....	Mar. 3, '79	400 00		
Port Mulgrave.....	Mar. 8, '76	Donald Kennedy.....	Sept. 9, '03	200 00		
Port Medway.....	June 25, '79	Jos. Hopkins.....	Feb. 13, '03	200 00		
Pubnico.....	Sept. 27, '82	D. Q. Amireau.....	Sept. 27, '82	100 00		
Pugwash.....	Oct. 22, '73	C. T. DeWolf.....	April 26, '95	100 00		
Riverport.....	Sept. 29, '84	T. J. C. Creaser.....	Jan. 8, '01	100 00		
River Bourgeoise.....	April 19, '86	E. C. Bouchie.....	April 19, '86	100 00		
River John.....	Mar. 26, '78	H. Campbell.....	June 1, '91	100 00		
St. Ann's.....	Dec. 29, '00	George E. Fader.....	Dec. 29, '00	200 00		
St. Mary's River.....	May 18, '81	D. O. Burns.....	April 14, '03	200 00		
St. Peter's.....	Jan. 24, '81	Peter McNeil.....	" 3, '82	200 00		
Sambro.....	Dec. 22, '79	Ben. Smith.....	May 27, '90	200 00		
She-t Harbour.....	May 14, '74	H. Hall.....	April 11, '98	200 00		
Shelburne.....	Aug. 27, '77	John C. Morrison.....	May 4, '97	200 00		
Ship Harbour.....	June 2, '84	Conrad Marks.....	June 2, '84	100 00		
Spencer's Island.....	May 22, '99	Vacant.....		100 00		
Tangier.....	Nov. 14, '01	Chas. A. Hilchey.....	Nov. 14, '01	200 00		
Tatamagouche.....	Feb. 27, '78	Wm. Rielly.....	June 1, '00	200 00		
Tidnish.....	Aug. 10, '80			100 00		
Tiverton.....	April 3, '00	Joel Blackford.....	April 3, '00	100 00		
Torbay.....	Aug. 25, '03	I. Fougère.....	Aug. 25, '03	200 00		
Tusket.....	Mar. 18, '75	Cyrille Doucette.....	Nov. 21, '02	100 00		
Tusket Wedge.....	Dec. 19, '99	James LeBlanc.....	Mar. 16, '01	100 00		
Victoria Pier, South Bar, Sydney.....	July 25, '84	Ernest Richardson.....	Nov. 1, '97	200 00		
Wallace.....	Oct. 22, '73	James D. Patton.....	Feb. 14, '93	100 00		
West Arichat.....	Aug. 20, '90	A. B. Poirier.....	Oct. 7, '96	100 00		
West Bay.....	May 8, '84	John McInnis.....	May 8, '84	100 00		
West Port.....	Mar. 8, '87	Geo. Welsh.....	Jan. 29, '98	200 00		
Weymouth.....	May 21, '94	R. Payson.....	May 29, '97	200 00		
White Haven.....	Aug. 25, '03	And. Haley.....	Aug. 25, '03	200 00		
Whycocomagh.....	Oct. 29, '75	Neil McKinnon.....	Oct. 8, '75	100 00		
Wolfville.....	Aug. 16, '01	J. L. Franklin.....	Aug. 16, '01	100 00		
Wood's Harbour.....	Feb. 19, '92	S. K. Woods.....	Feb. 19, '92	200 00		
Yarmouth.....	Mar. 18, '75	Ebenezer Scott.....	Oct. 19, '77	250 00		

TABLE showing the names of the Ports proclaimed under the Dominion Acts, &c.—*Con.*

PROVINCE OF PRINCE EDWARD ISLAND

Name of Port.	Date of Proclamation.	Name of Harbour Master.	Date of Appointment.	Amount from the fees of office salary not to exceed.	Amount collected in 1904.	Amount paid over to Receiver General.
				\$ cts.	\$ cts.	\$ cts.
Alberton.....	July 15, '74	John Kinch.....	July 30, '01	200 00	.....	.....
Bay Fortune.....	April 10, '75	John R. Coffin.....	April 29, '78	200 00	.....	.....
Brudenell.....	July 25, '85	Vacant.....	.....	200 00	.....	.....
Cape Traverse.....	May 23, '84	".....	.....	100 00	.....	.....
Cardigan River, including Cardigan Bridge..	Aug. 9, '78	Hercules McDonald.....	Aug. 9, '78	200 00	.....	.....
Cardigan River, from head of river to north bank Mitchell River..	July 2, '78	Joseph Livingstone.....	Nov. 14, '01	100 00	.....	.....
Cove Head.....	" 15, '80	Malcolm Kielly.....	April 23, '04	100 00	.....	.....
Charlottetown and Hillsboro' River.	June 17, '74	David Small.....	Feb. 19, '77	400 00	.....	.....
Crapaud.....	" 17, '74	Wesley Myers.....	June 17, '74	200 00	.....	.....
Egmont Bay.....	" 15, '74	George Bollum..	Nov. 3, '85	200 00	.....	.....
Georgetown.....	" 17, '74	J. Westaway.....	May 16, '04	200 00	.....	.....
Grand River.....	April 10, '75	Wm. Chas. Jenkins.....	" 4, '97	200 00	.....	.....
Grand River, down to and including Poplar Point and Chapel Wharf....	May 16, '79	Vacant.....	.....	200 00	.....	.....
Malpeque.....	July 10, '74	J. Champion.....	Dec. 10, '96	200 00	.....	.....
Miminegash.....	April 17, '80	J. McCormack.....	Sept. 28, '04	100 00	.....	.....
Montague Bridge.....	July 15, '74	H. McPherson.....	May 5, '04	200 00	.....	.....
Murray Harbour.....	" 7, '74	Wm. Miller.....	June 17, '74	200 00	.....	.....
Murray River.....	May 16, '79	Geo. McLeod.....	Feb. 9, '97	200 00	.....	.....
New London.....	July 15, '74	Wm. Bell.....	Aug. 25, '96	200 00	.....	.....
Pinette.....	" 15, '74	John D. McDonald.....	Oct. 22, '03	100 00	.....	.....
Port Hill.....	" 15, '74	W. C. Brown.....	June 20, '98	200 00	.....	.....
Pownal.....	July 10, '79	Michael Haley.....	Mar. 30, '97	100 00	.....	.....
Rollo Bay.....	April 10, '75	Vacant.....	.....	200 00	.....	.....
Rustico.....	May 17, '75	Felix Buote.....	Mar. 1, '97	200 00	.....	.....
St. Peter's Bay.....	April 10, '75	George Barry.....	May 3, '01	200 00	.....	.....
Souris East and West...	" 10, '75	Wm. McDonald.....	Sept. 21, '99	200 00	.....	.....
Summerside.....	July 15, '74	Wm. Stymest.....	Oct. 20, '97	200 00	.....	.....
Tignish.....	April 22, '90	Vacant.....	.....	100 00	.....	.....
Tracadie.....	May 17, '75	Donald Campbell..	Aug. 27, '95	200 00	.....	.....
Tryon.....	April 12, '77	Vacant.....	.....	200 00	.....	.....
Vernon River Bridge...	July 15, '74	John Finlay.....	Oct. 9, '84	200 00	.....	.....
West River.....	May 5, '75	Vacant.....	.....	200 00	.....	.....
Wood Islands.....	" 22, '99	James Young.....	May 22, '99	100 00	.....	.....

PROVINCE OF BRITISH COLUMBIA.

Chemainus.....	March 2, '97	Wm. Fraser.....	Oct. 1, '04	200 00	.....	.....
Comox.....	May 5, '96	Geo. H. Rowe.....	April 25, '96	200 00	.....	.....
Nanaimo and Departure Bay.....	April 10, '75	Harry Cooper.....	Feb. 25, '97	500 00	.....	.....
New Westminster.....	Jan. 23, '80	Joseph Reichenbach.....	May 15, '01	400 00	.....	.....
Quadra.....	April 17, '77	Vacant.....	.....	300 00	.....	.....
Vancouver, including Burrard Inlet.....	Feb. 22, '88	Malcolm Mcleod.....	Jan. 14, '97	600 00	.....	.....
Victoria and Esquimalt..	Mar. 20, '75	C. E. Clarke.....	Nov. 3, '94	600 00

F. GOURDEAU,
Deputy Minister Marine and Fisheries.

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APPENDIX No. 44

LIST of Certificates of Service granted to Masters and Mates of INLAND
and COASTING VESSELS during the year ended June 30, 1904.

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1903.					\$ cts.
3886	Aug. 10 ..	Rufus Downey.. .. .	Mate.....	Joggins, N.S.	Parrsboro, N.S.	4 00
3887	" 10 ..	Adam J. Firth.....	Master.....	Shelburne, N.S.	Halifax, N.S. ..	8 00
3388	" 20 ..	Wm. Carson.. .. .	" .. .	St. Andrews, N.B.....	Yarmouth, N.S.	8 00
	1904.					
3389	April 7... ..	Thos. A. Crosby.....	" .. .	Yarmouth, N.S.....	" .. .	8 00
3390	June 27 ..	Pierre Begin .. .	" .. .	Quebec.	Quebec.	8 00
3391	" 27 ..	Louis Deroy.....	Mate .. .	St. John, Isle de Orleans, Que.....	" .. .	4 00

LIST of Certificates of Competency granted to Masters and Mates of FOREIGN
SEA-GOING Vessels during the year ended June 30, 1904.

	1903.					
3513	July 2....	Albert A. Lindgren.....	Master.. ..	Vancouver, B.C.	Victoria, B.C...	15 00
3514	" 2 ..	Douglas C. Lilly.....	Mate.....	Victoria, B.C.....	" .. .	8 00
3515	" 2....	Charles Harry Webb....	Master.....	Nanaimo, B.C.....	" .. .	15 00
3516	" 10....	Mark Burke .. .	" .. .	Carbonear, Nfld....	Halifax, N.S....	15 00
3517	Aug. 10 ..	W. D. Comloguoy.....	2nd Mate...	Orkney Isles, Scotland...	Victoria, B.C...	8 00
3518	" 10....	David J. McGowan.....	" .. .	Glasgow, Scotland.....	" .. .	8 00
3519	" 10....	Wm. Anderson .. .	" .. .	Vancouver, B.C.....	" .. .	8 00
3520	Sept. 26..	Thomas Roy Coffin.....	Master.....	Halifax, N.S.....	Halifax, N.S....	15 00
3521	" 29....	Wm. Henry Gray.....	Mate.....	Cornforth, Eng.....	Victoria, B.C...	8 00
3522	Oct. 12....	Geo. Pakenham Walter..	" .. .	Yarmouth, N.S.....	Yarmouth, N.S.	8 00
3523	" 12....	Herbert Leroy Harrison	2nd Mate ..	Maugerville, N.S.....	St. John, N.B.	8 00
3524	" 13....	Dick F. P. Bruce.....	Master.....	H.M.C.S. Isles, Esquimalt	Victoria, B.C...	15 00
3525	" 13....	Walter Cyril Weston....	2nd Mate ..	Longton, Eng.....	" .. .	8 00
3526	" 13....	John Fiddes.....	" .. .	Aberdeen, Scotland.....	" .. .	8 00
3527	" 13....	John Michael Clave.....	Mate.	Dublin, Ireland.....	" .. .	8 00
3528	Nov. 4....	Chas Morris Gladwin ..	" .. .	Middle Musquodoboet...	Halifax, N.S....	8 00
3529	" 4....	Wm. Fraser.....	2nd Mate ..	New Glasgow, N.S.	" .. .	8 00
3530	" 4....	George Enos Madet.....	Mate.	Mahone Bay, N.S.....	" .. .	8 00
3531	" 13....	William Calder.....	2nd Mate ..	Vancouver, B.C.....	Victoria, B.C...	8 00
3532	" 14....	Walter C. Bourke.....	" .. .	Surrey, England.....	" .. .	8 00
3533	" 23....	Wilbert L. Loomet.....	Mate.....	Advocate Harbour, N.S...	St. John, N.B.	8 00
3534	Dec. 9....	James P. Baird.....	" .. .	Glasgow, Scotland.....	Victoria, B.C...	8 00
3535	" 9....	John Cockle.....	2nd Mate ..	Vancouver, B.C.....	" .. .	8 00
3536	" 19....	Edmund McCarty.....	Master.....	Halifax, N.S.....	Halifax, N.S....	15 00
3537	" 19....	Edward G. Smith.	2nd Mate ..	" .. .	" .. .	8 00
3538	" 19....	Arthur R. C. Reavley...	Master.....	Wales.....	St. John, N.B...	15 00
3539	" 31....	Edwin Chas. Hocking...	Mate.	Falmouth, Eng.....	Victoria, B.C...	8 00
3540	Jan. 20....	George Craig Guthrie ..	2nd Mate ..	Leith, Scotland.	" .. .	8 00
3541	" 20....	Jas. Creighton Laidlaw..	" .. .	Glasgow, Scotland.....	" .. .	8 00
3542	" 27....	Peter Laureat Lachance.	" .. .	Quebec .. .	St. John, N.B.	8 00
3543	Feb. 15....	John Halliday .. .	Mate.....	Victoria.....	Victoria, B.C...	8 00
3544	" 15....	Lawrence Smith .. .	Master.....	Yarmouth, N.S.	Yarmouth.	8 00
3545	" 22....	William E. Gardner.....	" .. .	Victoria.....	Victoria.....	15 00
3546	March 3....	Fred. Smith Blackadar..	Mate.....	Sandy Cove, N.S.....	Yarmouth, N.S.	8 00
3547	" 3....	Philip Victor Harris....	" .. .	England .. .	Victoria, B.C...	8 00
3548	" 14....	Robert Mitchell.....	2nd Mate ..	Vancouver, B.C.....	" .. .	8 00
3549	April 2....	John Carmichael.....	" .. .	" .. .	" .. .	8 00
3550	" 2....	Abraham Wales Young ..	" .. .	Braidmead, Scotland.....	" .. .	8 00

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LIST of Certificates of Competency granted to Masters and Mates of INLAND and
COASTING VESSELS, &c.—*Continued.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1904.					\$ cts.
3551	April 7...	Richard Loftus Fortier..	Master.....	Ottawa, Ont.....	Ottawa, Ont...	15 00
3552	" 22...	Alfred Mackenzie.....	2nd Mate ..	Scotland.....	Victoria, B.C...	8 00
3553	May 4...	Hjalmar Perssons.....	" ..	Halifax, N.S.....	Halifax, N.S...	8 00
3554	" 4...	Walter James Holland..	Mate.....	Gravesend, Kent, G.B ..	Victoria, B.C...	8 00
3555	" 4...	Napoleon Lachance	2nd Mate ..	Isle of Orleans, Que.....	St. John, N.B...	8 00
3556	" 27...	Fred Collins.....	Mate.....	The Square, Chagford, Eng	Halifax, N.S...	8 00
3557	April 14..	Jno. Oremister Townsend	Master.....	Victoria, B.C.....	Victoria, B.C...	15 00
3558	June 14..	David Wentzel	2nd Mate ..	Bridgewater, N.S.....	Yarmouth, N.S.	8 00
3559	" 14..	Elmore N. Parker.....	" ..	Walton, N.S.....	" ..	8 00
3560	" 16..	Roger Stehelin.....	Mate.....	Yarmouth, N.S.....	" ..	8 00
3561	" 20..	Hbt. Claude Humphreys	Master.....	Nanaimo, B.C.....	Victoria, B.C...	15 00
4149	July 3..	Albert E. Stinson.....	Master.....	Toronto	St. Catherines, O	15 00
4150	" 3..	Darrell P. Lewis.....	" ..	Freeport, N.S.....	Yarmouth, N.S.	15 00
4151	" 3..	Wellington Bezanson....	" ..	Mount Denson, N.S.....	" ..	15 00
4152	" 10..	Geeyon Cook.....	" ..	Lockeport, N.S.....	Halifax, N.S....	15 00
4153	" 10..	Daniel M. McDonald...	" ..	Big Bras d'Or, C.B., N.S.	Sydney, N.S....	15 00
4154	" 10..	W. J. Houston.....	" ..	Northumberland Co., N.B.	Newcastle, N.B.	15 00
4155	" 10..	Emery A. Lindsay.....	" ..	Oromocto, N.B.....	Fredericton, N.B	15 00
4156	" 10..	Peter McMahon	" ..	Charlottetown, P.E.I....	Charlottet'n PEI	15 00
4157	" 10..	Henry Bolton Reid	" ..	Sarnia, Ont.....	Kingston, Ont..	15 00
4158	" 10..	David P. Turnbull.....	" ..	Grove Bay, Ont.....	Spanish River, O	15 00
4159	" 10..	Nazaire Simoneau.....	* ..	Kiekisink, Que.....	Quebec.....	5 00
4160	" 10..	O. R. Farrell.....	" ..	Litchfield, N.S....	Yarmouth, N.S.	15 00
4161	" 10..	W. J. Publicover.....	" ..	Getson's Cove, N.S....	" ..	15 00
4162	" 14..	Irvine McNeil.....	" ..	Aitkins Ferry, P.E.I....	Sydney, N.S....	15 00
4163	" 14..	Henry R. Cooke.....	" ..	Steniacke, N.S....	" ..	15 00
4164	" 14..	Emerson E. Brown.....	" ..	Brantford, Ont.....	St. Catherines, O	15 00
4165	" 15..	James V. Wilkinson.....	" ..	" ..	Vancouver, B.C.	15 00
4166	" 20..	John P. Salter.....	" ..	Parrsboro, N.S.....	St. John, N.B...	15 00
4167	" 20..	Edward Scaling.....	Mate.....	Vancouver, B.C.....	Victoria, B.C...	6 00
4168	" 20..	Frederick Tufts.....	Master.....	St. John, N.B.....	St. John, N.B...	15 00
4169	" 20..	Robert McIntyre	" ..	Presque Isle, Ont.....	St. Catherines, O	15 00
4170	" 20..	John Jackson.....	Mate.....	Vancouver, B.C.....	Vancouver, B.C.	6 00
4171	" 20..	John Jackson.....	Master.....	" ..	" ..	15 00
4172	" 20..	William Halbgren	Mate.....	Victoria, B.C.....	Victoria, B.C...	6 00
4173	" 21..	Francis Burnet	Master.....	Birdsall, Ont.....	Kingston, Ont..	15 00
4174	" 27..	John Kennedy	* ..	Pembroke, Ont.....	Ottawa, Ont ..	5 00
4175	Aug. 4..	William Page.....	" ..	Sarnia, Ont.....	St. Catherines, O	15 00
4176	" 4..	Thomas Croucher.....	" ..	Port Carling, Ont.....	" ..	15 00
4177	" 4..	George H. Andrews.....	" ..	Rockport, Ont.....	Kingston, Ont..	15 00
4178	" 4..	William W. Best.....	" ..	Vancouver, B.C.....	Vancouver, B.C.	15 00
4179	" 10..	Wm. F. Robinson.....	" ..	Bobcaygeon, Ont.....	Kingston, Ont..	15 00
4180	" 10..	Joseph Alex. Joyce.....	Mate.....	Selkirk, Man.....	Winnipeg, Man.	6 00
4181	" 10..	Ronald Blakley	Master.....	Dartmouth, N.S.....	Halifax, N.S....	15 00
4182	" 10..	Joseph E. Brossard	" ..	Longueuil, Que.....	Ottawa, Ont....	15 00
4183	" 11..	Anthony Arseneau.....	" ..	Grandique, Que.....	Sydney, N.S....	15 00
4184	" 11..	Wm. R. Hamilton.....	Mate.....	Bobcaygeon, Ont.....	Kingston, Ont..	6 00
4185	" 18..	Robt. D. Davis.....	Master.....	Hawksbury, N.S.....	Sydney, C.B....	15 00
4186	" 18..	John Canessa.....	" ..	Nanaimo, B.C.....	Vancouver, B.C.	15 00
4187	" 18..	George Pombert	" ..	French River, Ont.....	St. Catherines, O	15 00
4188	" 18..	Wm. T. Goodwin.....	" ..	Toronto, Ont.....	" ..	15 00
4189	" 18..	Emile Seguin.....	" ..	Hudson, Que.....	Ottawa, Ont ..	15 00
4190	" 18..	John Robertson.....	" ..	Victoria, B.C.....	Victoria, B.C...	15 00
4191	" 21..	Wm. A. Dean.....	" ..	Vancouver, B.C.....	Vancouver, B.C.	15 00
4192	" 20..	W. C. Thompson	" ..	Fort William, Ont.....	St. Catharines, O	15 00
4193	" 24..	Joseph G. Sampson.....	" ..	North Hatley, Que.....	Ottawa, Ont....	15 00
4194	" 27..	George E. Harvey	" ..	New Westminster, B.C...	Vancouver, B.C.	15 00
4195	" 31..	Peter J. Walker	" ..	Port Hawkesbury, N.S...	Charlott'n, P.E.I	15 00
4196	Sept. 3..	James Findall	" ..	Midland, Ont.....	St. Catharines, O	15 00
4197	" 3..	Samuel Whiston.....	Mate.....	Dartmouth, N.S.....	Halifax, N.S....	6 00
4198	" 11..	George Taylor.....	Master.....	New Mills, N.B.....	Dalhousie, N.B.	15 00
4199	" 11..	Daniel McNeil.....	" ..	Dalhousie, N.B.....	" ..	15 00
4200	" 11..	Oliver Lavoie.....	" ..	Cap St. Ignace, Que.....	Quebec	15 00

* Temporary certificate.

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LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING Vessels, &c.—*Continued.*

No. of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee
	1903.					\$ cts.
4201	Sept. 11.	Médéric Lemieux.....	Mate.....	St. Valière, Que.....	"	6 00
4202	" 14.	Alphonse Forgues... ..	Master.....	Notre Dame de Lévis, Que.	"	15 00
4203	" 14.	Isaac Butler.....	"	Vancouver, B.C.....	Vancouver.....	15 00
4204	" 14.	Francis Boutilier.....	"	New Westminster, B.C.....	"	15 00
4205	" 17.	Peter F. Mallett.....	"	Yarmouth, N.S.....	Yarmouth, N.S.	6 00
4206	" 17.	Wm. James Thompson..	"	Richards Landing, Ont....	St. Catharines, O.	15 00
4207	" 17.	Wm. John Leeder	Mate.	Bracebridge, Ont.....	"	6 00
4208	" 21.	Wm. A. Carson.....	Master.....	St. Andrews, N.B.....	Yarmouth, N.S.	15 00
4209	" 26.	Arthur McKinley.	"	Liscombe, N.S.....	Halifax, N.S....	15 00
4210	" 29.	Joseph A. Poner.....	"	Portage du Fort, Que.....	Ottawa, Ont....	15 00
4211	" 29.	George Campbell.....	Mate.....	Cardigan, P.E.I.....	Yarmouth, N.S.	6 00
4212	" 29.	Isaac Harpell.....	Master.....	Halifax, N.S.....	Sydney, N.B....	15 00
4213	" 29.	Wm. Joseph Power.	"	Portage du Fort, Que.....	Ottawa, Ont....	15 00
4214	" 29.	George W. Robertson...	"	Port Hope, Ont.....	Kingston, Ont..	15 00
4215	Oct. 2.	John Joseph Conlon	"	Little Current, Ont.....	St. Catharines, O.	15 00
4216	" 2.	Joseph Brown.....	Mate.....	Vancouver, B.C.....	Vancouver, B.C.	6 00
4217	" 9.	Henry Wm. Calhoun....	"	St. Martins, N.B.....	St. John, N.B..	6 00
4218	" 9.	George Wilson Forbes...	"	Parrsboro, N.S.....	"	6 00
4219	" 17.	John B. Dejadine.....	Master.....	Garvas Bay, Ont.....	St. Catharines, O.	15 00
4220	" 17.	Wm. A. Chapman.....	Mate.....	Vancouver, B.C.....	Vancouver, C.B.	6 00
4221	" 17.	Grandison Benjamin....	Mate.	Port Greville, N.S.....	Yarmouth, N.S.	6 00
4222	" 17.	Murdoch Johnson.....	"	Orillia, Ont	St. Catharines, O	6 00
4223	" 17.	Charles W. Rockwell....	Master.....	River Herbert, N.S.....	St. John, N.B..	15 00
4224	" 23.	Amplias Berringer ..	"	Lunenburg, N.S.....	Lunenburg, N.S.	15 00
4225	" 23.	David Gagnon	"	French River, Ont.....	St. Catharines, O	15 00
4226	" 23.	Clark Sensabaugh.....	"	Lion's Head, Ont.....	"	15 00
4227	" 23.	Percival Rye.....	"	Vancouver, B.C.....	Vancouver, B.C.	15 00
4228	" 23.	George Burpee Carter...	"	St. John, N.B.....	Yarmouth, N.S.	15 00
4229	" 23.	George M. Newell	"	Clark's Harbour, N.S....	"	15 00
4230	Nov. 4.	Leo Phibs	Mate.	Arichat, N.S.....	Halifax, N.S....	6 00
4231	" 4.	Chas. J. O'Hanley	Master.....	Yarmouth, N.S.....	Yarmouth, N.S.	15 00
4232	" 4.	Chas. O. Hill.	"	Collingwood, Ont.....	St. Catharines, O	15 00
4233	" 4.	Esau Priddle.....	"	St. John, N.B.....	Yarmouth, N.S.	15 00
4234	" 4.	John C. McDonald.....	"	Gabarouse, N.S.....	Sydney, N.S....	15 00
4235	" 4.	Thomas J. Smith.....	"	Renfrew, Ont.....	Ottawa, Ont....	15 00
4236	" 4.	Damase Champagne.....	"	Lanoraie, Que.....	Quebec.....	15 00
4237	" 4.	B. Walter C. Manning..	Mate.....	Bridgewater, N.S.....	Yarmouth, N.S.	6 00
4238	" 4.	George Enos Mader.....	Master.....	Mahone Bay, N.S.....	Halifax, N.S....	15 00
4239	" 13.	Lindsay Dauphinee.....	Mate.....	New Westminster, B.C....	Vancouver, B.C.	6 00
4240	" 13.	Lindsay Dauphinee.....	Master.....	"	"	15 00
4241	" 13.	Leon Tanguay.....	"	Portage du Fort, Que.....	Ottawa, Ont....	15 00
4242	" 13.	Theophile Treechon.....	"	Chicoutimi, Que.....	Quebec.....	15 00
4243	" 14.	Chas. W. Mann.....	"	Gabarouse, N.S.....	Sydney, C.B....	15 00
4244	" 14.	James G. Bower.....	"	Jordan Bay, N.S.....	Yarmouth, N.S.	15 00
4245	" 16.	Octave Jules Morin.....	Mate.....	St. Marcel de l'Islet, Que..	Quebec.....	6 00
4246	" 17.	Frederick W. Crossley ..	Master.....	The Narrows, Man.....	Rat Portage, O..	15 00
4247	" 20.	Robert Percy.....	Mate.....	Vancouver, B.C	Vancouver, B.C.	6 00
4248	" 20.	Robert Percy.....	Master.....	"	"	15 00
4249	" 20.	Alexander Sabeau.....	"	St. John, N.B.....	St. John, N.B..	15 00
4250	" 23.	Albert Boudreau.....	"	Mategahan River, N.S.	Yarmouth, N.S.	15 00
4251	" 23.	Stewart B. Johnson.....	"	Victoria, B.C.....	Victoria, B.C....	15 00
4252	Dec. 7.	Alonzo F. Mitchell.....	"	Alimic Harbour, Ont....	St. Catharines, O	15 00
4253	Dec. 10.	Wm. Thomas Brown.....	Master.....	Vancouver, B.C.....	Vancouver, B.C.	15 00
4254	" 9.	Alex. McInnis	Mate.....	Parrsboro, N.S.....	St. John, N.B..	6 00
4255	" 9.	Adelphe Quevillon.....	"	Montreal, Que.....	Ottawa, Ont....	6 00
4256	" 9.	Edmund Nagle.....	Master.....	Fort Resolution, N.W.T..	Fort Resolution.	15 00
4257	" 9.	Aurele Chabot.....	"	St. Michel, Que.....	Quebec.....	15 00
4258	" 9.	Benjamin Dovland.....	"	Toronto, Ont.....	St. Catharines, O	15 00
4259	" 9.	Wilfred Philpott.....	Mate.	New Westminster, B.C....	Victoria, B.C....	6 00
4260	" 9.	Temple F. Sinclair	Master.....	Port Honey, B.C.....	"	15 00
4261	" 9.	George D. Robertson....	"	Vancouver, B.C.....	"	15 00
4262	" 9.	Joseph Simard.....	"	Baie St. Paul, P.Q.....	Quebec.....	15 00
4263	" 21.	Harry M. English.....	Mate.....	Little Current, Ont.....	St. Catharines, O	6 00
4264	" 21.	Ferdinand Leuriens.....	"	St. Valier, Que.....	Quebec.....	6 00
4265	" 21.	Daniel J. Morehouse....	Master.....	Sandy Cove, N.S.....	Yarmouth, N.S.	15 00

4-5 EDWARD VII., A. 1905

LIST of Certificates of Competency granted to Masters and Mates of INLAND and
COASTING VESSELS, &c.—*Continued.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1903.					\$ cts.
4266	Dec. 29..	Gustav Magnusson.....	Matter..	Sarnia, Ont.....	St. Catharines, O	15 00
4267	" 29..	John Millen.....	Mate..	Almic Harbour, Ont.....	"	15 00
4268	" 29..	Wm. H. Lake.....	"	Cheverie, N.S.....	Yarmouth, N.S.	15 00
4269	" 29..	Charles Pike.....	"	St. John, N.B.....	St. John, N.B..	15 00
4270	" 31..	Louis Honore Roy.....	"	Quebec.....	Quebec.....	15 00
4271	" 31..	Rathburn Wm. Lovely..	"	Parrsboro, N.S.....	Yarmouth, N.S.	15 00
4272	" 31..	Ritchie Roy Spicer.....	Mate.....	Spencer's Island, N.S.....	"	6 00
4273	" 31..	Patrick J. Bibby.....	Master.....	Gravenhurst, Ont.....	St. Catharines, O	15 00
4274	" 31..	Alex. D. Livingstone....	"	Nottawasaga, Ont.....	"	15 00
4275	" 31..	Julius Hanson.....	"	St. John, N.B.....	St. John, N.B..	15 00
4276	" 31..	John George Gullion....	"	Edmonton, N.W.T....	Rat Portage, O.	15 00
4277	" 31..	Ernest Wills..	Mate.....	Halifax, N.S.....	Sydney, N.S....	6 00
4278	" 31..	Dougal Patterson.....	Master....	New Westminster, B.C....	Victoria, B.C...	15 00
4279	" 31..	Abner Keen St. Clair....	"	Victoria, B.C.....	"	15 00
4280	" 31..	John J. Goodwin.....	"	"	"	15 00
4281	" 31..	Emil Ramlose.....	"	"	"	15 00
	1904.					
4282	Jan. 20..	Albert James Hamilton..	"	Spanish Station, Ont.....	Spanish River, O	15 00
4283	" 20..	William Nelson Sangster	Mate....	Huntsville, Ont.....	St. Catharines, O	6 00
4284	" 20..	John Schreiber.....	"	Bridgeport, Ont.....	"	6 00
4285	" 26..	Martin Murphy.....	Master.....	Dartmouth, N.S.....	Halifax, N.S. ..	15 00
4286	" 27..	George W. Spinning	"	Vancouver, B.C.....	Vancouver, B.C.	15 00
4287	" 27..	"	Mate.....	"	"	6 00
4288	" 27..	Albert Lawrence Carney	Master.....	Sault St. Marie, Ont.....	St. Catharines, O	15 00
4289	" 27..	John Dick.....	"	Fergus, Ont.....	"	15 00
4290	Feb. 1..	Peter Laureat Lachance.	Mate.....	Quebec.....	Quebec.....	6 00
4291	" 3..	Benjamin St. Denis.....	Master.....	St. Anns de Bellevue, Que.	Ottawa, Ont....	15 00
4292	" 6..	Joseph Houle.....	Mate.....	Cascade Point, Que.....	Kingston, Ont..	6 00
4293	" 6..	Charles Stannard.....	"	Vancouver, B.C.....	Vancouver, B.C.	6 00
4294	" 6..	Thomas Andrew Hughes	"	New Westminster, B.C....	"	6 00
4295	" 6..	"	Master.....	"	"	15 00
4296	" 6..	David W. Burke.....	Mate.....	Penetanguishene, Ont.....	St. Catharines, O	6 00
4297	" 6..	Henry W. King.....	Master.....	Toronto, Ont.....	"	15 00
4298	" 6..	Philidime Menard.....	"	Levis, Que.....	Quebec.....	15 00
4299	" 6..	Edward Willcox.....	"	Quebec, Que.....	"	15 00
4300	" 11..	Hanford Whelpley.....	"	St. John, N.B.....	St. John, N.B..	15 00
4301	" 16..	John Hann.....	"	Victoria, B.C.....	Victoria, B.C...	15 00
4302	" 16..	John B. Somerby.....	"	Oak Bay Mills, Que.....	Campbellton, NB	15 00
4303	" 16..	John Thompson.....	"	New Westminster, B.C. .	Vancouver, B.C.	15 00
4304	" 16..	Joseph Bergeron.....	"	Leclercville, Que.....	Quebec.....	15 00
4305	" 16..	Lemuel Sabeau.....	"	St. John, N.B.....	St. John, N.B..	15 00
4306	" 22..	Alvan Lowell McLean ..	"	"	"	15 00
4307	" 22..	Benjamin Sham. Gale...	"	"	"	15 00
4308	" 22..	Joshua Inglis.....	Mate....	Victoria, B.C.....	Victoria, B.C...	6 00
4309	" 22..	Arthur Gray.....	"	Levis, Que.....	Quebec.....	6 00
4310	" 24..	Olaf Swanson.....	Master.....	Sheet Harbour, N.S.....	Halifax, N.S....	15 00
4311	" 26..	William Savage.....	"	Wellington, Ont.....	St. Catharines, O	15 00
4312	" 26..	Wm. Thomas Rooney....	Mate.....	Port Dalhousie, Ont.....	"	6 00
4313	" 26..	Ernest Hollingshead	Master.....	Collingwood, Ont.....	"	15 00
4314	" 26..	George Jos. Motley.....	Mate.....	St. Catharines, Ont.....	"	6 00
4315	" 26..	William Hiscott	Master.....	Port Colborne, Ont.....	"	15 00
4316	" 26..	Herbert C. West.....	Mate.....	Blackwell, Ont.....	"	6 00
4317	" 27..	Magnus Sinclair.....	Master.....	New Westminster, B.C....	Vancouver, B.C.	15 00
4318	" 27..	Alexander Purvis.....	"	Gore Bay, Ont.....	Spa'sh Riv., Ont.	15 00
4319	" 29..	Donat Labonte	"	Beauharnois, Que.....	Ottawa, Ont....	15 00
4320	" 29..	Joseph Anderson	Mate.....	Owen Sound, Ont.....	St. Catharines, O.	6 00
4321	" 29..	Harry Paquet	Master.....	St. Joseph de Lévis, Que..	Quebec.....	15 00
4322	Mar. 3..	Joseph Blais.....	"	Berthier en bas, Que.....	"	15 00
4323	" 3..	Olans Pederson	"	St. John, N.B.....	St. John, N.B..	15 00
4324	" 3..	Wellington Bell.....	"	Vancouver, B.C.....	Vancouver, B.C.	15 00
4325	" 3..	Alonzo Baker.....	"	New Westminster, B.C....	"	15 00
4326	" 3..	Arthur Baquet dit La- montagne.....	Mate.....	Lévis, Que.....	Quebec.....	6 00

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LIST of Certificates of Competency given to Masters and Mates of INLAND and
COASTING VESSELS, &c.—Continued.

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1904.					\$ cts.
4327	Mar. 3..	James L. Medley....	Mate.....	Barriefield, Ont.....	Kingston, Ont..	6 00
4328	" 3..	Alexander McIntyre....	Master.....	Collingwood, Ont.....	"	15 00
4329	" 3..	George Larochelle.....	Mate.....	St. Michelle, Que.....	Quebec.....	6 00
4330	" 4..	Chas. Henry Ramsay....	Master.....	Spanish River Sta., Ont...	Spa'sh Riv., Ont.	15 00
4331	" 7..	Wm. Lawrence Butler ..	"	Victoria, B.C.....	Victoria, B.C...	15 00
4332	" 7..	Thomas Miller.....	"	St. John, N.B.....	St. John, N.B...	15 00
4333	" 7..	Fred. E. Martin.....	Mate.....	Oakville, Ont.....	St. Catharines, O.	6 00
4334	" 7..	George Smith.....	"	Glenora, Ont.....	Kingston, Ont..	6 00
4335	" 7..	Freeman Himmelan....	Master.....	Ritcey's Cove, N.S.....	Lunenburg, N.S.	15 00
4336	" 7..	Frank A. Cook.....	Mate.....	Montreal, Que.....	St. Catharines, O.	6 00
4337	" 7..	Clayton W. Collins.....	Master.....	Westport, N.S.....	Yarmouth, N.S.	15 00
4338	" 14..	Harry Morris Peatman..	"	St. John, N.B.....	St. John, N.B...	15 00
4339	" 14..	Edmund L. Cameron....	"	"	"	15 00
4340	" 14..	Fred S. Reay.....	"	Beauharnois, Que.....	Ottawa, Ont....	15 00
4341	" 15..	Chas. Wm. Lait.....	Mate.....	New Westminster, B.C....	Vancouver, B.C.	6 00
4342	" 14..	Chas. Henry Reid.....	Master.....	Gaburus, N.S.....	Sydney, N.S....	15 00
4343	" 16..	Jules Lamarre.....	Mate.....	St. Valier, Que.....	Quebec.....	6 00
4344	" 17..	Harry Hugh Robinson..	Master.....	Parrsboro, N.S.....	St. John, N.B...	15 00
4345	" 17..	Archibald Stewart	"	Mattawa, Ont.....	Ottawa, Ont....	15 00
4346	" 17..	Alexander Colman.....	Mate.....	Massie P. O., Ont.....	St. Catharines, O.	6 00
4347	" 21..	Julius Lachance.....	"	Quebec, Que.....	Quebec.. ..	6 00
4348	"	Louis Labadie.....	Master.....	Berthier en bas, Que.....	"	15 00
4349	" 21..	George Bliss Glazier ..	"	Sunbury Co., N.S.....	Frederict'n, N.B.	15 00
4350	" 21..	Joseph Noble Blenkhorn.	"	Canning, N.S.....	Yarmouth, N.S.	15 00
4351	" 28..	Samuel Kent	"	Musquodoboit, N.S.....	Halifax, N.S....	15 00
4352	" 24..	Jemieson B. Clark	"	Collingwood, Ont.....	Kingston, Ont..	15 00
4353	" 24..	Angus K. McDonald....	"	Vancouver, B.C.....	Vancouver, B.C.	15 00
4354	" 24..	Michl. Heffernan	"	Pictou, Ont.....	Kingston, Ont..	15 00
4355	" 24..	W. E. Akerley.....	Mate.....	Wickham, N.B.....	St. John, N.B...	6 00
4356	" 24..	Albert McKenny	Master.....	Wisawasa, Ont.....	Ottawa, Ont....	15 00
4357	" 24..	Minard Hicks	"	South Bay, Ont.....	Kingston, Ont.	15 00
4358	" 24..	George W. Graham.....	"	Arrowhead, B.C.....	Arrowhead, B.C.	15 00
4359	" 24..	Malcolm Campbell.....	Mate.....	Nelson, B.C.....	Nelson, B.C....	6 00
4360	" 24..	Malcolm McGillivray ..	"	Mattawa, Ont.....	St. Catharines, O.	6 00
4361	" 24..	John Smith	"	Kirkville, Ont.....	"	6 00
4362	" 24..	Benjamin M. Bowen.....	Master.. ..	Trenton, Ont.....	"	15 00
4363	" 24..	Edgar A. G. Walton....	Mate.....	Magnetawan, Ont.....	"	6 00
4364	" 24..	Francis J. Davis.....	Master.....	Owen Sound, Ont.....	Kingston, Ont..	15 00
4365	" 24..	Frank Beecroft	Mate.....	Penetanguishene, Ont.....	"	6 00
4366	" 24..	James Reoch	"	Nottawa, Ont.....	"	6 00
4367	" 24..	Cyril Sauve.....	Mate.....	Kingston, Ont	Kingston, Ont..	6 00
4368	" 24..	Joseph B. Weeks	Master.....	Okanagan Landing, Ont ..	Nelson, B.C....	15 00
4369	" 24..	Arthur John Gibson	Mate.....	Luskville, Que.....	Ottawa, Ont....	5 00
4370	" 24..	Odber A. Flewelling....	"	Oak Point, N.B.....	St. John, N.B...	5 00
4371	" 24..	John P. Douglas.....	"	New Westminster, B.C...	Vancouver, B.C.	5 00
4372	April 2..	James Matchett	Master.....	Keewatin, Ont	Rat Portage, Ont	15 00
4373	" 7..	Hamilton N. Cockburn..	"	Sturgeon Falls, Ont.....	Ottawa, Ont....	15 00
4374	" 7..	Everett D. Cann	Mate.....	North Sydney, N.S.	Sydney, C.B...	6 00
4375	" 7..	John Adams	"	Collingwood, Ont.....	St. Catherines, Ont.	6 00
4376	" 7..	Wm. J. Santine.....	"	Brechin, Ont.....	"	6 00
4377	" 7..	Fred Bruce Wallace.	"	Midland, Ont	"	6 00
4378	" 7..	John E. Hunter	Master.....	Sarnia, Ont	"	15 00
4379	" 7..	Alexander Mills	Mate.....	Kingston, Ont.....	Kingston, Ont..	6 00
4380	" 7..	Douglas M. Wasson.....	"	Arrowhead, B.C.....	Arrowhead, B.C.	6 00
4381	" 7..	John W. Stacey	"	North Sydney, N.S.....	Sydney, N.S....	5 00
4382	" 7..	Wm. Simeon Pennie....	Master... ..	Queensport, N.S.....	"	15 00
4383	" 7..	Franklin E. Hall.....	"	L'Orignal, Ont.....	Kingston, Ont..	15 00
4384	" 7..	Alexander Longille	Mate.....	North Sydney, N.S.....	Sydney, N.S....	6 00
4385	" 7..	Wm. S. Wooster.....	Master.....	New Westminster, B.C...	Vancouver, B.C.	15 00
4386	" 7..	"	Mate.....	"	"	6 00
4387	" 7..	Joseph Ryan	Master.....	Charlottetown, P. E. I....	Sydney, N.S....	15 00
4388	" 7..	Everett B. Nickerson ...	"	West Porte Clyde, N.S...	Yarmouth, N.S.	15 00
4389	" 7..	Philippe Mongeau	"	St. Anne de Sorel, Que ...	Sorel, Que	15 00

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LIST of Certificates of Competency granted to Masters and Mates of INLAND and
COASTING VESSELS, &c.—*Continued.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1904.					\$ cts.
4390.	April 7...	Hermidas Mongeau.	Master.....	Sorel, Que.....	"	15 00
4391	" 7...	Alfred Lahays.....	"	Blind River District, Ont.	Spanish River, Ont.....	15 00
4392	" 7...	Thomas W. Wood	"	Orillia, Ont	St. Catharines, Ont.....	15 00
4393	" 7...	Kenneth McAskill.....	Mate.....	Slocan, B.C.....	Vancouver, B.C.	6 00
4394	" 11..	C. J. E. House	Master.....	Vancouver, B.C	"	15 00
4395	" 11..	"	Mate.....	"	"	6 00
4396	" 11..	Jean B. Coderre	"	Lanarie, Que.	Quebec, Que....	6 00
4397	" 11..	Frank I. Ritchie.....	Master.....	Three Rivers, Que.....	"	15 00
4398	" 11..	Joseph Arthur Dupil....	Mate.....	Quebec	"	6 00
4399	" 11..	McGregor, Fraser.....	"	Pictou Landing, N.S.	Sydney, N.S....	6 00
4400	" 15..	Louis Racine	Master.....	Calumet, Que	Ottawa, Ont....	15 00
4401	" 20..	Thos. Francis Truswell..	"	Dawson City, Y.T.	Vancouver, B.C.	15 00
4402	" 22..	John Gulliver.....	Mate.....	Douglastown, N.B.	St. John, N.B....	6 00
4403	" 22..	Spurgeon Amos.....	Master.....	Lower Derby, N.B.	"	15 00
4404	" 22..	Chas. I. P. Phibbs.....	"	Vancouver, B.C.....	Vancouver, B.C.	15 00
4405	" 22..	John Genelle	"	Makusp, B.C.....	Arrowhead, B.C.	15 00
4406	" 22..	Donald Angus McLean..	"	Loggieville, N.B.	St. John, N.B....	15 00
4407	" 22..	William Joyce.....	"	Bronte, Ont	St. Catharines, Ont.....	15 00
4408	" 22..	Arthur E. Elliot.....	Mate	Colchester, Ont.....	"	6 00
4409	" 22..	Norman McL. Scott	"	Hamilton, Ont.	"	6 00
4410	" 22..	William Fertile.....	"	Bronte, Ont.	"	6 00
4411	" 22..	E. F. Kendall	Master.....	Rat Portage, Ont.....	Rat Portage, Ont	15 00
4412	" 22..	George Guenard	"	Province of Quebec.....	Quebec.....	15 00
4413	" 22..	Thomas Sullivan.....	"	Kingston, Ont.....	Kingston, Ont....	15 00
4414	" 22..	George E. Muirkhead....	Mate.....	Prince Edward Isle.	Charlottetown ..	6 00
4415	" 22..	George Jean.....	"	Notre Dame de Lévis, Que.	Quebec, Que....	6 00
4416	" 22..	James O'Connell.....	Master.....	Providence, R.I.....	F. Smith, N.W.T	15 00
4417	" 22..	Harry R. Muir.....	Mate.....	Shelburne, N.S.....	Yarmouth, N.S.	6 00
4418	" 22..	Zépherin Leroux.....	Master.....	Valleyfield, Que.....	Ottawa, Ont....	15 00
4419	" 22..	Venanzio Martinolick....	"	New Westminster, B.C....	Vancouver, B.C.	15 00
4420	" 22..	Alexander Thompson....	Mate.....	Victoria, B.C.....	Victoria, B.C....	6 00
4421	" 22..	Harold S. Okell.....	"	"	"	6 00
4422	" 22..	Archibald E. Frackear..	Master.....	Chatham, N.B.....	St. John, N.B....	15 00
4423	" 22..	Samuel Judson Thorne..	"	St. John, N.B.....	"	15 00
4424	" 26..	Joseph Sharon.....	"	Windsor, Ont.....	Kingston, Ont....	15 00
4425	" 26..	Charles Gehrke.....	"	Lunenburg, N.S.....	Sydney, N.S....	15 00
4426	" 28..	Israel Desforges.....	"	Calumet, Que.....	Ottawa, Ont....	15 00
4427	" 28..	Harry Colvin.....	"	Port Dalhousie, Ont	St. Catharines, O.	15 00
4428	" 30..	Banks E. Rudderham....	"	North Sydney, N.S.....	Sydney, N.S....	15 00
4429	May 4..	David A. Sangster.....	"	Charlottetown, P.E.I....	Charl't'n, P.E.I.	15 00
4430	" 4..	James A. Hughes.....	"	"	"	15 00
4431	" 4..	Herbert W. Doyle.....	"	"	"	15 00
4432	" 7..	Emile Seguin.....	"	Hudson, Que.....	Ottawa, Ont....	15 00
4433	" 7..	William Brooks.....	"	Liverpool, N.S.....	Yarmouth, N.S.	15 00
4434	" 7..	Albert Robertson.....	"	Rat Portage, Ont.....	Rat Portage, Ont	15 00
4435	" 7..	Napoléon Lachance.....	Mate.....	Isle of Orleans, Que.....	Quebec, Que....	6 00
4436	" 7..	John Munroe	"	Pictou, N.S.....	Yarmouth, N.S.	6 00
4437	" 10..	Arthur S. Pride.....	Master.....	Sonora, N.S.....	Halifax, N.S....	15 00
4438	" 10..	George Morton Morrell..	Mate	Yarmouth, N.S.....	Yarmouth, N.S.	6 00
4439	" 10..	Jacob Black.....	Master.....	Barwick, Ont.....	Rat Portage, Ont	15 00
4440	" 10..	David Simpson	Mate.....	Vancouver, B.C.....	Vancouver, B.C.	6 00
4441	" 10..	Walter Leeder.....	"	Bracebridge, Ont.....	St. Catharines, O.	6 00
4442	" 10..	Ruben H. Morier.....	Master.....	Little Current, Ont.....	"	15 00
4443	" 10..	George Lawrence.....	"	Warton, Ont.....	"	15 00
4444	" 10..	James Woolner.....	"	Collingwood, Ont.....	"	15 00
4445	" 10..	William Malcolm.....	"	Toronto, Ont.....	"	15 00
4446	" 10..	James Adams.....	Mate.....	Nottawasaga, Ont	"	6 00
4447	" 14..	Malcolm McGillivray....	Master.....	Gore Bay Town, Ont.....	Spanish River, O.	15 00
4448	" 14..	Oliver H. P. Rogers....	Mate.....	New Westminster, B.C....	Vancouver, B.C.	6 00
4449	" 14..	James D. Simpson.....	"	Birdsall, Ont.....	Kingston, Ont....	6 00

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LIST of Certificates of Competency granted to Masters and Mates of INLAND and COASTING VESSELS, &c.—*Continued.*

Number of Certificate.	Date of Certificate	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1904.					\$ cts.
4450	May 14..	Martin Currier.....	Master.....	Oromocto, N. B.....	Fredericton, N. B.	15 00
4451	" 14..	George S. Forbes.....	Mate.....	Victoria, B. C.....	Victoria, B. C...	6 00
4452	" 14..	John Butler.....	".....	St. Catharines, Ont.....	St. Catharines, O.	6 00
4453	" 14..	Stephen M. Roff.....	Master.....	Parrsboro', N. S.....	St. John, N. B..	15 00
4454	" 14..	John Ferguson.....	".....	Warton, Ont.....	St. Catharines, O.	15 00
4455	" 14..	Ernest J. Cross.....	".....	Port Arthur, Ont.....	Port Arthur, Ont	15 00
4456	" 19..	Ernest Trotter.....	Mate.....	Bobcaygeon, Ont.....	Kingston, Ont..	6 00
4457	" 19..	Samuel Wilson.....	".....	Owen Sound, Ont.....	".....	6 00
4458	" 19..	George Nelson Hudgin..	".....	Picton, Ont.....	".....	6 00
4459	" 19..	Frank S. Ott.....	".....	Owen Sound, Ont.....	".....	6 00
4460	" 19..	John W. McCannel.....	".....	Collingwood, Ont.....	".....	6 00
4461	" 19..	Wm. F. Bristow.....	".....	Adolphustown, Ont.....	".....	6 00
4462	" 19..	Nathaniel Barrett.....	".....	Owen Sound, Ont.....	".....	6 00
4463	" 19..	Richard Stanley Griffiths	Mate.....	Victoria, B. C.....	Victoria, B. C...	6 00
4464	" 19..	Edward Cook.....	Master.....	Milford, Ont.....	Kingston, Ont..	15 00
4465	" 25..	Isaac Larocque.....	".....	Sturgeon Falls, Ont.....	Ottawa, Ont....	15 00
4466	" 28..	Gordon Lewis.....	Mate.....	Keewatin, Ont.....	Rat Portage, O..	6 00
4467	June 2..	Robt. Wm. McNeil.....	".....	Vancouver, B. C.....	Vancouver, B. C.	6 00
4468	" 2..	Edward Muir.....	Master.....	Sutton West, Ont.....	Kingston, Ont..	15 00
4469	" 2..	Howard Austin Burnet..	Mate.....	Deseronto, Ont.....	".....	6 00
4470	" 4..	Edward McDonald.....	".....	Chatham, Ont.....	St. Catharines, O	6 00
4471	" 7..	Moses Anthony Jesmet..	Master.....	Cornwall, Ont.....	Ottawa, Ont....	15 00
4472	" 7..	McLean Campbell.....	Mate.....	Collingwood, Ont.....	St. Catharines, O	6 00
4473	" 7..	Best Fullerton.....	".....	Bent River, Ont.....	".....	6 00
4474	" 7..	Henry H. Lundy.....	Master.....	Westbourne, Man.....	Rat Portage, O..	15 00
4475	" 7..	John Gibbs.....	".....	Richard's Landing, Ont..	St. Catharines, O	15 00
4476	" 7..	Wm. H. Robinson.....	Mate.....	New Westminster, B. C...	Vancouver, B. C.	6 00
4477	" 7..	Joseph Desmeules.....	".....	Murray Bay, P. Q.....	Quebec.....	6 00
4478	" 7..	John G. Pratt.....	".....	Toronto, Ont.....	St. Catharines, O	6 00
4479	" 10..	Thomas Packer.....	Master.....	Torrance, Ont.....	".....	15 00
4480	" 10..	John K. Livingston.....	".....	St. John, N. B.....	St. John, N. B..	15 00
4481	" 10..	Patrick Mahon.....	".....	Main-a-Dieu, B. C.....	Sydney, N. S....	15 00
4482	" 10..	Albert Cander.....	Mate.....	Picton, Ont.....	St. Catharines, O	6 00
4483	" 10..	John Maikson.....	Master.....	Malcolm Island, B. C.....	Vancouver, B. C.	15 00
4484	" 13..	Marcel Aucoin.....	".....	Matane, Que.....	Quebec.....	15 00
4485	" 13..	Joseph Roy.....	Mate.....	St. Roch de Richelieu, Que	".....	6 00
4486	" 13..	James Balmer.....	Master.....	Oak Point, N. B.....	St. John, N. B..	15 00
4487	" 13..	David A. Williams.....	Mate.....	Sault Ste. Marie, Ont.....	St. Catharines, O	6 00
4488	" 2..	Philip Hardy.....	Master.....	North Sydney, N. S.....	Sydney, N. S....	15 00
4489	" 20..	Alfred Edgar Harris.....	".....	Gore's Landing, Ont.....	Kingston, Ont..	15 00
4490	" 20..	George G. Allan.....	Mate.....	New Westminster, B. C...	Vancouver, B. C.	6 00
4491	" 22..	John Kennedy.....	Master.....	Pembroke, Ont.....	Ottawa, Ont....	15 00
4492	" 27..	Francis Thos. Sinnott..	".....	Penetanguishene, Ont.....	Kingston, Ont..	15 00
4493	" 27..	Henry Thoussell.....	".....	Brockville, Ont.....	".....	15 00
4494	" 27..	H. Baula Wessel.....	".....	Gananoque, Ont.....	".....	15 00
4495	" 27..	Edward Gouthier.....	Mate.....	Valleyfield, Que.....	Ottawa, Ont....	6 00
4496	" 27..	Anders Janasen.....	".....	Montreal River P. O., Ont.	".....	6 00
4497	" 27..	W. H. Garner.....	".....	Frazer River, B. C.....	Vancouver, B. C.	6 00
4498	" 27..	James Stevenson.....	".....	Selkirk, Man.....	Rat Portage, O..	6 00
4499	" 27..	Wm. R. Isherwood.....	Master.....	Fort Francis, Ont.....	Port Francis, O.	15 00
4500	" 27..	Narcisse Poirier.....	Mate.....	Melocheville, Que.....	Kingston, Ont..	6 00
4501	" 27..	Harry Edgar Brooks.....	".....	Picton, Ont.....	".....	6 00
4502	" 27..	John E. Turney.....	".....	Vancouver, B. C.....	Vancouver, B. C.	6 00
4503	" 27..	John Howard Longley..	Master.....	".....	Victoria, B. C...	15 00

APPENDIX No. 45

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels, in Canadian Waters and to Canadian Sea-going Vessels, in other Waters, for the twelve months ended June 30, 1904.

Date of casualty.	Name of Ship.	Age of ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1903.		Yrs								
July 29	Ada G. (54,457)	36	St. John, N.B.	None, wood, steam.	31	Lying up at Marble Cove, St. John, N.B.	.....	Burned ..	....	Total, \$ 4,000
June 15	Ayr. (92,350)	17	"	Schr., wood, sail.	121	St. John, Vineyard, Haven, Boston.	Nantucket shoals, U. S. A.	Stranded .....	....	Partial, 400
" 9	Argentina. (92,682)	13	Pictou.	Bgtn., wood, sail.	583	New York to Buenos Ayres.	Bear River, N.S.	Fell over at low tide .....	....	Partial.
July 14	Abana. (96,945)	...	St. John, N.B.	Schr., wood, sail.	97	St. Martin's, N.B., to Bridgeport, Conn.	Off Point Judith, Conn., U.S.A., Atlantic.	Damaged in collision....	...	Partial, \$360
Nov. 7	Alacrita.	1	Christiana, Sweden.	Ship, steel, sail.	1823	Glasgow to St. Anne des Montes.	30 miles S.S. E. of St. Paul's Island, C.B.	Cargo shifted, vessel lifted 30°, labelled for \$3,500.		
Aug. 24	Albertina. (94,736)	13	Windsor, N.S.	Bktn., wood, sail.	654	Annapolis, N.S., to Digby, N.S., to Montevideo, S.A.	Lat. N., 36°, Long. W., 48', N. Atlantic.	Lost masts and sails, Master M. Christian sen.		
Nov. 9	Angel's Padre. ....	...	Italian Genoa.	Schr., iron, steam.	1903	Chatam, N.B., to Brownhead for orders.	Miramichi Bay, N.B.	Stranded, Master A. Girarde.	....	Cargo, 3,500
Oct. 24	Avis. (85,978)	21	St. John, N.B.	Schr., wood, sail.	125	Joggins, N.S., to St. John, N.B.	Off Martin Head, Bay of Fundy.	Sprung a leak.		
" 22	Avon. (66,502)	30	Windsor, N.S.	Schr., wood, sail.	182	Perth Amboy to St. John, N.B.	N. E. side of Cranberry Isles, Me., U.S.A.	Stranded, error of master, Master H. B. McKiel.	....	Total, 3,300
Sept. 24	Advent. (112,321)	1½	Lunenburg, N.S.	Schr., wood, sail.	256	New York, Macons, to New York.	Diamond shoal Lt. ship, N.W., 21 miles, U. S.A.	Sprung a leak and lost sails, Master W. D. Scut.	....	Partial, 2,100
Dec. 15	Amur. (98,073)	13	Victoria, B.C.	Schr., iron, steam.	570	Victoria, Ketchikan to Port Simpson.	Port Simpson, B.C.	Stranding, master. ....	....	Trifling.

1904.	Jan. 2	Ayr..... (92,353)	17	St. John, N.B.	Schr., wood, coal.	121	St. John, N.B. to City Island for orders.	10 miles E. Highland, Cape Cod.	Vessel got water-logged, was abandoned.	....	Total,	4,896
	" 22	Alexa..... (111,745)	2	Lunenburg, N.S.	Schr., wood, sail.	99	Lunenburg, N.S., to New Mauserville to New York.	Romer shoal, New York harbour, U. S.A.	Stranding, Scott Corkum, master.	....	Total,	12,500
	Feb. 19	Arabia..... (111,750)	80	" ..	Schr., wood, sail.	80	Cardigan, P.E.I., Lunenburg, N.S. to Boston, U.S.A.	Boston, lying at wharf	Burned, Thos. A. Back- man, master.	....	Part,	3,500
1903.	Dec. 18	Alaska..... (94,783)	14	" ..	Schr., wood, sail.	87	St. Georges, Nfld. to Bay of Islands.	Stephenville cove, St. George's bay, Nfld.	Stranding, caused by cur- rent and squall, master.	....	Total,	2,000
	Aug. 10	Arrow..... (11,699)	1	Liverpool, N.S.	Schr., wood, sail.	183	Liverpool, N.S. to Port Antonio, Ja.	Harbour of Port An- tonio, Jamaica.	Blown ashore by squall, master.	....	Partial,	50
1904.	June 4	Annie Bliss.....	33	New York, U.S.A.	Schr., wood, sail.	275	Salem, Mass. to Hills- boro, N.B.	Apple River, N., bear- ing E., 3 miles, Bay of Fundy.	Lost foremast stays and damaged keelson and rigging.	....	Partial,	700
	" 30	Albertina..... (94,736)	14	Windsor, N.S.	Bktn., wood, sail.	654	Halifax, N.S., New York to Yarmouth, N.S.	Chalain, Mass, U.S.A.	Struck unknown obstacle, mate.			
	Mch. 13	Alkaline..... (103,731)	7	Parrsboro, U.S.	Bktn., wood, sail.	626	Philadelphia, U.S.A. to Buenos Ayres.	36° 58' N., 63° 40' N., N. S. Atlantic.	Master.			
	May 14	Acacia..... (92,625)	16	Liverpool, N.S.	Schr., wood, sail.	99	Etonville, N.S. to New York, U.S.A.	East River, New York, U.S.A.	Sloop Thomas Wilson, ran into the "Acacia," master and owner.	....	Partial,	100
1903.	May 12	Bertha Gray.... (90,899)	13	Yarmouth, N.S.	Brig, wood, sail.	320	Bear River, Jackson- ville to St. Kitts, Martinique.	Lat. 32° 16' W., Long. 77° 56' W.	Abandoned. Master J. Richards.	....	Crew taken off by SS. St. Oswald. Total.	
	June 21	Bessie..... (100,545)	7	Digby, N.S.	Schr., wood, sail.	88	Yarmouth, N.S. to Pawtucket.	Vineyard Haven, U. S.A.	Broke tiller.			
	July 3	Bonnie Doone.. (96,952)	13	St. John, N.B.	Schr., wood, sail.	117	St. John, N.B., Clem- ments Port to Bos- ton, U.S.A.	Off Digby Gut, N.S.	Lost jib during gale. Master M. F. Hayes.			
	" 24	Baines Hawkins. (83,918)	22	Newcastle, G.B.	Schr., iron, steam.	435	Yarmouth, N.S. to Pictou, N.S.	Harriet Ledge, be- tween Yarmouth and Cape Sable, N.S.	Stranded. Master J. C. Peters.	....	Partial,	10,000
	Sept. 9	Battistina Madre	29	Genoa.....	Bk., wood, sail.	782	Savona, Italy to St. John, N.B.	Repairing at St. John.	Fell over on the blocks and was so damaged, that she was sold by auction.	....	Total,	5,000
	July 25	Bessie G..... (85,629)	19	Parrsboro, N.S.	Schr., wood, sail.	69	River Herbert, N.S. to Parrsboro, N.S.	River Herbert, Cum- berland Bay, N.S.	In collision with bridge. Master W. L. Gates.	....	Part,	160
	Aug. 1	Bingette.....	546	Christiansand.	Bk., wood, sail.	546	Havre, France to Sheet Harbour.	45 miles S.E. of Sheet Harbour, N.S.	Collided with s c h r. Georgina in dense fog. Master J. W. Anderson	....	Part,	500

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

Date of casualty.	Name of Ship.	Age of ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1903.		Y'rs								\$
Oct. 16	Baden Powell... (107,780)	3	Chatham, N.B.	Schr., wood, sail.	97	Chatham, N.B. to New York, U.S.A.	25 miles N.E. of Cape Cod, Highland light, U.S.A.	Lost 16 lath in gale. Owners.	....	Cargo, 32
..... 1904.	Britannia..... (100,342)	4	Marland, N.S.	Schr., wood, sail.	263	New York to Cartagena	Galera Zemba, S.E. by S., 3 miles 10° 45' N. 75° 25' W.	Stranded. J. H. Nicker-son, master.	....	Total loss.
May 12	Bonavista..... (87,960)	20	Montreal, Que.	Schr., iron, steam.	837	St. Johns, Nfld., Sydney, N.S. to Montreal, Que.	Pt. St. Francis, Lawrence river.	Collision with D.G.S. Eureka. Master.	....	Partial.
" 26	Bobs..... (92,747)	10	Parrsboro, N.S.	Schr., wood, sail.	97	Parrsboro, N.S., Rockland, Me., to Vineyard Haven.	Off Cape Ann, Mass., U.S.A.	Broke 4 deck beams. Owner.	....	Part, 1,192
Feb. 4	Bessie A..... (100,340)	6	Parrsboro, N.S.	Schr., wood, sail.	96	Red Beach, Me. to Parrsboro, N.S.	Bay of Fundy, Basin of Minas.	Jammed by ice. Master and owner.	....	Part, 1,316
1903.										
June 5	Creedmoor.....	19	St. John, N.B.	Ship, wood, sail.	1398	Ship Island to Montevideo.	31° 44' S., 46° 53' W., S. Atlantic.	Lost rudder during storm. Master A. R. Kennedy.	....
Aug. 29	Chas S. Whitney (90,505)	18	Parrsboro, N.S.	Ship, wood, sail.	1651	Rouen, France to New York.	Execution Rock, Long Island Sound, N.Y., U.S.A.	Stranded. Master Levi Atkins.	....	Part, 5,000
June 15	Cuba..... (85,441)	20	Windsor, N.S.	Bktn., wood, sail.	453	New York, U.S.A. to Yarmouth, N.S.	Nantucket Shoals, U.S.A.	Broke windlass. Master G. E. Bentley.	....	Part, 150
Nov. 9	C. D. Rand.....	12	Victoria, B.C.	Schr., wood, sail.	51	Victoria, B.C. to Dutch Hrbr, Alaska, U.S.A.	Kyuquot Sound, B.C., U.S.A.	Stranded. Master J. G. Searle.	....	Partial.
Aug. 19	Carolina..... (101,261)	26	St. Johns, Nfld	— iron, steam.	610	Quebec, Tadousac to Chicoutimi.	Passe Paire, Saguenay river.	Stranded in foggy weather.	....	Partial.
Oct. 18	Champion.....	3	Vancouver, B.C.	— steam.	68	Vancouver, Esquimalt to Vancouver.	Oyster Bay, Vancouver Island, B.C.	Burned. Owners.	....	Total, 8,560
" 20	Crystal Stream... (172,229)	30	St. John, N.B.	— wood, steam.	304	St. John, N.B., on excursion.	Kennebecakes river, near Rothesay, N.B.	Ran on a rock. Manager D. J. Purdy.	....	Part, 400

Dec. 30	C. R. Flint.....	31	New York.....	Schr., sail.	wood,	252	St. John, N.B. to New Bedford.	Campo bello, N.B., Beacon Head.	Stranded in thick snow storm. Master.	Total,	9,050
" 18	Cuba..... (85,441)	20	Windsor, N.S.	Bktn., sail.	wood,	453	Windsor, New York to Port Greville.	Long Island, Monkurk Pt., U.S.A.	Stranded. G. E. Bentley, M.O.	Total.	
June 12	Concord..... (111,650)	3	Lunenburg, N.S.	Schr., sail.	wood,	79	La Have, Port Hawkesbury to Magdalen Islands.	Beach between Amherst and Grindstone Islds, Que.	Stranded. Master J. Getson.	Total,	3,000
" 5	Creedmoor..... (88,678)	20	St. John, N.B.	Ship, sail.	wood,	1399	Ships Island to Montevideo.	31° 44' S., 46° 53' W. Brazil coast.	Lost rudder and part cargo. Master.	Partial,	600
May 4	Cheslie..... (103,726)	8	Parrsboro, N.S.	Ship, sailing.	wood,	330	Pelantque, San Domingo to New York.	Pelantque, San Domingo	Grounded. Master.	Part,	400
June 22	D. J. Melancon. (100,899)	6	Weymouth, N.S.	Schr., sail.	wood,	134	Chatham, N.B. to New York, U.S.A.	Off Highland Light, U.S.A.	Lost deck load and masts and sails.		
Jan. 12	D. J. Melancon. (100,899)	6	Weymouth, N.S.	Schr., sail.	wood,	134	Tusket, Tusket Wedge to New York.	10 miles S.E. Cape Cod	Lost fore topmast and part deck load. Master H. Le Blanc.	Part.	
June 30	Douro..... (78,459)	24	Quebec, Que.	Schr., steam.	iron,	211	Quebec, coasting voyage.	St. Annes Bay near St. Denis, St. Lawrence river.	Stranded. Master, Brown	Partial.	
Sept. 10	David Weston... (54,398)	37	St. John, N.B.	— steam.	wood,	552	Fredrickton, N.B. to St. John, N.B.	½ mile off Craigs Point, St. John river.	Destroyed by fire. Manager, Orchard.	Total,	25,000
Nov. 3	Drottwing Sop'ia (3,812)	2	Stockholm, Sweden.	Schr., steam.	steel,	3387	Sydney, Quebec to Montreal.	Lake St. Peter, St. Lawrence river.	Stranded, no damage.		
" 20	Dauntless.....	2	New Westminster, B.C.	Sloop, steam.	wood,	129	Vancouver to Port Neville, B.C.	Euclitain Rapids, B.C.	Stranded. Master.	Part,	4,500
Jan. 7	Demozelle... (92,380)	15	Parrsboro, N.S.	Schr., sail.	wood,	163	Harvey, N.B., Apple River, N.S. to Boston, Mass.	Cumberland Bay, N.B.	Stranded. Owner.	Partial,	1,500
May 28	Danube... (62,279)	...	Victoria, B.C.	Schr., steam.	iron,	561	Victoria, Vancouver to Naas, &c., B.C.	Seymour Narrows, B.C.	Stranded.	No damage.	
Sept. 6	Exception... (100,517)	11	Parrsboro, N.S.	Schr., sail.	wood,	380	Bonaire, D.W.I., to Boston, Mass.	Long Island Sound, U.S.A.	Stranded, Master A. E. Baxter.	Partial,	1,200
" 6	Eva Stewart.... (83,130)	22	" "	" "	" "	98	Windsor, N.S., Parrsboro, N.S., to Boston, Mass.	Fishers Island passage, Whitehead, Maine, U.S.A.	Stranded, Master J. Moore.	"	1,100
.....	E. A. O'Brien... (90,479)	...	Maitland, N.S.	.....	.....	...	.....	Rosairo, Ag	Collision.		
Oct. 20	Eltie..... (92,360)	16	St. John, N.B.	Schr., sail.	wood,	117	Joggins, N.S., to St. John, N.B.	Rockport, N.B., Bay of Fundy.	Sprung a leak and beached.	Total,	3,000
Jan. 12	E. A. Saveau... (90,839)	2	Port Medway, N.S.	" "	" "	249	San Blas Coast, Porto Bello, to New York.	3 miles N.N.E. San Blas Point, Caribbean Sea.	Two wire shrouds carried away owing to wind and sea.	Partial,	50

STATEMENT OF Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1903.		Yrs								\$
Dec. 19 1904.	Edward Grover. (107,954)	20	Lunenburg, N.S.	Schr., wood sail.	69	Whitney Pier, C.B. . .	Charlottetown, Sydney, C.B.	Stranding, G. A. Cruick- shank, master.	....
Mar. 26 1903.	Elliot (97,076)	11	Charlottetown, P.E.I.	Schr., wood, steam.	227	Halifax, N.S., to Chan- nel, Nfld., sealing voyage.	St. Paul's Island, Gulf of St. Lawrence.	Stranded, jammed in ice pack, Capt. McMillen.	....	Total, 30,000
June 14	Fraulein (90,617)	14	Moncton, N.B.	Schr., wood, sail.	124	Edgewater, to St. John, N.B.	Off Vineyard lightship.	In collision, lost mast and sails.	....
July 21	Florida (100,567)	11	Lunenburg, N.S.	" "	148	New York, to Colon, Lagarto.	Lagarta Coast, Colum- bia, S.A.	Stranded, Master C. Brinkman.	....	4,800
" 24	Foster Rice (107,602)	4	Annapolis, N.S.	" "	179	Arroyo, P.R., Bermu- da, to St. John, N.B.	37° 30' N., 67° 40' W. N. Atlantic.	Damaged in a hurricane, Master E. Brinton.	...	Ship, Cargo, 5,700 3,580 1,700
Sept. 27 1904.	Florence (100,864)	10	Quebec, Que..	Sails	46	Matane . . . . .	.....	Stranded . . . . .	....
May 7 1903.	Falmouth (72,184)	28	Windsor, N.S.	Schr., wood, sail.	477	Loading at Parrsboro', N.S., for New York.	.....	" . . . . .	....	6,000
June 15	Genesta (92,361)	16	St. John, N.B.	" "	98	Annapolis, N.S., to Portland, Me., Bos- ton, Mass.	.....	Lost deckload, Master A. Holmes.	....
July 2	Goldseeker (103,203)	7	Liverpool, N.S.	" "	199	Liverpool, N.S., to Cartagena, Isle of Pines.	10 miles E. N. E. Isle of Pines, Caribbean Sea.	Capsized and sank, Mas- ter G. S. Diggon.	4	"
27	Gumo	33	Fredrickstad, Norway.	Bktn., wood, sail.	849	Campbellton to Swan- sea.	West of the Magdalen Islands, Gulf of St. Lawrence.	Sprung a leak in gale, Master Mathieson.	...	Partial.

Aug. 1	Georgina: (100,825)	10	St. Johns, Nfld	Schr., wood, sail.	34	Burnt Island, Nfld., to Halifax, N.S.	to 45 miles S.E. Sheet Harbour, N.S.	Collided with <i>B. K. Bir-</i> <i>gitte</i> . and foundered. Master L. Forward.	....	Total.
Apr. 25	George T. Hay.. (90,514)	16	Parrsboro', N.S.	Ship, wood, sail	1,647	Rouen, France, to New York, U.S.A.	River Seine, France...	Anchor was dropped by accident, caused vessel to swing ashore.	...	Partial, 4,000
Nov. 8	Georgian..... (107,907)	5	Victoria, B.C.	Barge, wood..	894	Vancouver, B.C., to Union Bay, B.C.	Gillies' Bay, Texada Island, B.C.	Trifling accident owing to tow-line breaking, owner, S. McKenzie.	....	"
Sept. 9	Goliah.....	3	Halifax, N.S.	Schr., wood, steam.	99	Caraquet to Neguac...	Shippegan, N.B.	Stranding, Master P. H. Gasler.	....	2,500
July 23	G. E. Bentley... (100,120)	12	Parrsboro', N.S.	Schr., wood, sail.	250	Mobile, U S.A., to Cienfuegos, Cuba.	Gulf of Mexico.....	Wrecked, H. M. British Consul.	....	Total, 14,000
.....	Granada.....	60	Port Hawkes- bury, N.S.	"	60	Port Mulgrave, to D'Escousse, St. Peter's.	Grand Grave, St. Peter's Bay, N.S.	Burned.....	....	"
1904.										
June 22	Garfield White.. (94,864)	14	Parrsboro', N.S.	"	99	New York to Apple River.	Off Gray Head, Mar- tha's Vineyard.	Lost foremast head in heavy squall, Boston Consul.	....	Partial, 500
May 18	Golden Rod..... (86,462)	5	Gloucester, Mass.	"	...	Gloucester to Chester, The Banks.	Port Hastings, N.S....	Run down by steamer, F. W. Roebling, master.	....	Partial,
1903.										
July 2	Goldseeker..... (103,203)	7	Liverpool, N.S	"	194	Grenada to Cartagena, St. Blas Coast.	10 miles E. N. E. Isle of Pines, San Blas.	Foundered, capsized by squall.	5	Total, 7,000
June 24	Hazel Glen..... (85,554)	19	Yarmouth, N.S.	"	95	St. John, N.B., to Halifax, N.S.	Troops Point, Annapo- lis River, N.S.	Stranded, Master Ander- son.	..	"
July 10	Hermod .....	...	Bremen, Ger- many.	Schr., steel, steam.	1,918	Sunderland, Boston, to Sydney, C.B.	Flint Isle, Cape Breton.	Stranded, Master A. Gab- rish.	....
June 22	H. A. Holder... (96,756)	13	St. John, N.B.	Schr., wood, sail.	94	St. John, N.B., to New Haven, Conn.	40 miles N. E. by High- land Light, Cape Cod, N. Atlantic.	Lost 71 laths, Master A. A. McIntyre.	....	Cargo, 142
May 29	Helena Maude.. (85,563)	20	Barrington, N.S.	"	97	Newcastle, N.B., to New York.	Shovelfull shoals, N. Atlantic.	Stranded, Master P. Tren- holme.	....
July 26	Hedwig	5	Flensburg, Germany.	--- steel, steam.	1,540	London, G.B., Bathurst N.B., Manchester.	7 miles S. E. Pt. Amour shoals Belle Isle.	Collision with an iceberg. Master B. Jensen.	....	Partial, 1,000
" 22	Hattie & Lottie.	19	New Bedford, U.S.A.	Schr., wood, sail.	96	St. Vincent, Cape Verde to St. John, N.B.	Lat. 40° N., Long. 60° W., N. Atlantic.	Lost sails and badly strained in hurricane. Master.	....	Ship, Cargo, 150
.....	Hiack	4	Vancouver, B.C.	Schr., wood, screw.	16	Vancouver, B.C., to Barclay Sound.	Barclay Sounds, B.C..	Stranded and was aban- doned.	....	Total, 1,200
.....	Hillside	6	Yarmouth, N.S.	Bktne., wood, sail.	.....	T u s k e t Wedge to Buenos Ayres, Rosario	Martin Garcia, Bar River Plate, S.A.	Collision. Master C. A. Trefry.	....	Ship, 100
1904.										
Mar. 1	Harry Groop.... (111,693)	3	Liverpool, N.S.	Schr., wood, sail.	198	Jordan Bay, Sand Pt., Barbadoes.	Lat. 40° 10', Long. 64° Atlantic.	Sprang a leak. O. P. Thurburn, Master.	....	Partial, 75
Feb. 13	Hamburg..... (92,482)	17	Windsor, N.S.	Bque., wood, sail.	1,049	New York to Monte- video.	Lat. 36° 58' N., Long. 65° 13' W., Atlantic.	Lost top gallants and all attached. Master.	?

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May 28 1903.	28 Keewaydin..... (94,853)	15 Parrsboro, N.S.	Schr., wood, sail.	187	Cheverie, N.S., to Red Beach, Me.	Off Digby, N.S., Bay of Fundy.	Parker's Cove, N.S., Bay of Fundy.	Master.....	Partial,	2,900
June 5	5 Lyra..... (88,265)	20 St. John, N.B.	Schr., wood, sail.	99	St. John, N.B., to Boston.	En route.....	.....	Split main sail. Master G. E. Evans.	.....	.....	.....
July 30	30 Lake Manitoba.. (113,497)	2 Liverpool, G.B.	4-masted, steel, steam.	6,274	Montreal to Liverpool.	Montreal Harbour....	.....	Stranded. Master W. H. Taylor.	.....	No damage.	.....
Aug. 3	3 Leonard Parker. (107,065)	6 St. John, N.B.	Schr., wood, sail.	246	Dalhousie, N.B., to Philadelphia, U.S.A.	44° 46' N., 64° W., off Cape Sable.	.....	Lost 50 M. lath and some sails. Owner, R. C. Elkin.	.....	Trifling.	.....
Sept. 17	17 Lady Head..... (52,674)	38 London, G.B.	Bk., wood, sail.	.....	London to Carlton Isd.	Gasket Shoals, Hudson's Bay.	.....	Floundered. Master J. G. Ford.	.....	Total.	.....
Aug. 27	27 Lawrel..... (97,066)	11 Charlottetown, P.E.I.	Schr., wood, sail.	76	Rustico, Sydney, Rustico.	Pt. de Roche, N. Side, P.E.I.	.....	Stranding.....	.....	Total,	2,112
Oct. 9	9 Leonard Parker. (107,065)	6 St. John, N.B.	Schr., wood, sail.	246	Savannah, Ga., to St. John, N.B.	400 miles south of Cape Hatteras, N. Atlantic	.....	Lost sails, rigging and part of deck load. Agent E. Elkins.	.....	Partial,	2,000
.....	.....	21 Weymouth, N.S.	Schr., wood, sail.	86	Belliveau's Cove, N.S.	Little River, St. Mary's Bay, N.S.	.....	Damaged anchor and stranded. Owner T. LeBlanc.	.....	Trifling.	.....
Oct. 28	28 Lilla B. Hirtle.. (107,129)	4 Lunenburg, N.S.	Schr., wood, sail.	99	Jordan River, N.S., to New York, U.S.A.	Horton Point, Long Island, U.S.A.	.....	Stranded in fog. Master James Hulle.	.....	Partial,	2,360
Apr. 9	9 Lovisa..... (97,189)	12 Windsor, N.S.	Bktn., wood, sail.	880	Pernambuco to Delaware Breakwater.	Delaware Breakwater, U.S.A.	.....	Collision with ss. Adato. Owner C. W. Smith.	.....	Partial,	4,100
Sept. 18	18 Lunenburg..... (100,166)	13 Lunenburg, N.S.	Schr., wood, steam.	266	Pictou, N.S., Amherst, M.I., Grand Etang.	Grand Etang Bar, Gulf of St. Lawrence.	.....	Struck on breakwater and lost rudder. Master R. D. Burns.	.....	Partial,	2,000
Nov. 7	7 Lilla D. Young. (107,663)	4 Lunenburg, N.S.	Schr., wood, sail.	100	Lunenburg, Jordan River, New York.	Cape Sable, bearing E., Bay of Fundy.	.....	Lost 15 M. lath. Master A. Humelman.	.....	Cargo.	.....
Feb. 24 1904.	24 Laura..... (96,772)	9 Port Hawkesbury, N.S.	Schr., wood, sail.	27	Port Hastings to Harbour Bouche.	Margaree Harbour, N.S.	.....	Stranded, recovering wreck.	.....	Part,	100
an.3	3 Leonard B..... (100,106)	13 Parrsboro, N.S.	Schr., wood, sail.	121	Parrsboro, N.S., to Stonington, Me.	Grand Transom, N.B.	.....	Foundered. The owner.	.....	Total,	4,100
"	8 Lizzie Dyas..... (100,525)	10 Yarmouth, N.S.	Schr., wood, sail.	99	Church Point, Quoddy to Rockland, Me.	20 miles S. of Cape Forelin, Bay of Fundy.	.....	" Master.....	.....	"	2,500
1903.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
May 27	27 Marjorie J. Sumner. (100,348)	1 Maitland, N.S.	Schr., wood, sail.	354	New York, Hopewell Cape to Moncton.	Moncton, N.B.....	.....	Stranded.	.....	.....	.....
June 16	16 Mary..... (92,742)	13 Sackville, N.B.	Schr., wood, sail.	99	Dorchester, N.B., to Vineyard Haven.	En route off Cape Cod.	.....	Sprung a leak.	.....	.....	.....
Aug. 8	8 Miletus..... (90,823)	15 Lunenburg, N.S.	Schr., wood, sail.	95	Sydney, C.B., to Chat-ham, N.B.	Cape North, C.B.....	.....	" Bowdridge, Bent valve spindle. Master J. Acraman.	.....	.....	.....
July 25	25 Manchester Engineer. (113,116)	1 Manchester, G.B.	F. & A., iron, steam.	2,813	Manchester, Quebec, to Manchester.	Off St. John's Point, River St. Lawrence.	.....	.....	.....	.....	.....

STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Continued.*

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1903.		Yrs								\$
Aug. 10	Manchester Trader. (97,829)	13	Manchester, G.B.	F. & A., iron, steam.	2,126	Manchester, Montreal to Manchester.	S. Point Anticosti, Gulf of St. Lawrence.	Stranded. Master W. J. Swords.	...	Part, 49,000
July 14	Monterey..... (109,427)	3	Liverpool, G.B.	Schr., steel, steam.	3,489	Montreal to Liverpool.	Platte Point light S. 11° east Miq., 4 mile Miq.	Stranded. Master R. O. Williams.	...	Total,
Nov. 27	Margarite Main. (113,011)	23	St. John's, Nfld.	Schr., wood, sail.	60	Charlottetown, Souris East to New London.	Off New London, P.E.I.	Stranded. Master J. P. Buffett.	...	" 700
Oct. 25	Martha A. Bradley. (116,293)	21	Charlotteown, P.E.I.	Schr., wood, sail.	79	Charlottetown, Alberton to New London.	New London, P.E.I.	Stranded, buoy out of place. Master P. E. Conroy.	...	" 2,000
.....	Maud Moulton... (111,689)	1	Shelbourne, N.S.	Schr., wood, sail.	99	Oporto, Cadiz, to Burges, Nfld.	Missing.....	.....	...	" £1,500
Sept. 25	Metropolis..... (112,237)	64	St. John, N.B.	Schr., wood, sail.	66	Noël, N.S., to Campbell, N.B.	Basin of Midas, Parrsboro, N.S.	Stranded. Master J. R. Brown.	...	" 350
Nov. 16	Mystery..... (94,816)	13	Victoria, B.C.	Sloop, wood, steam.	39	Vancouver, B.C., to Esquimalt, B.C.	Esquimalt, B.C.	Stranded, want of local knowledge, Master W. McKenzie.	...	Part, 1,000
1904.										
Jan. 18	Mercedese..... (100,897)	8	Weymouth, N.S.	Schr., wood, sail.	140	Barbadoes to Belliveau's Cove, N.S.	Lat. 20° N.....	Damaged in storm. Oliver Corneau master.		
1903.										
Dec. 11	Maggie Miller... (92,364)	16	St. John, N.B.	Schr., wood, sail.	93	Boston to Windsor, N.S.	Off Townsend, Me., U.S.A.	Run into by an unknown 3-master. Master.	...	Partial, 426
Nov. 24	Moana..... (101,479)	.....	New Zealand.	Schr., steel, steam.	2,414	Sydney, N.S.W., Honolulu, H.I., to Vancouver, B.C.	William Head, Victoria, B.C.	Stranded. Master.....	.....	No damage.
1904.										
Feb. 27	Mary A. Troop... (85,990)	12	St. John, N.B.	Schr., wood, sail.	1,118	Pensacola to Rio de Janeiro.	Lat. 35° 18' N., long. 61° 36' W., Atlantic.	Abandoned at sea. Master W. L. Walley.	...	Total, 20,000

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Jan. 22 1903.	M. J. Loley..... (103,015)	Liverpool, N.S.	Schr., wood, sail.	99	Halifax, N.S., Green Harbour to Phila- delphia.	Lat. 48° 43' N., long. 52° 11' W., banks.	Foundered at sea. Mas- ter's protest.	"	4,000
Dec. 15 1904.	Manauense..... (70,709)	.....	Victoria, B.C.	Schr., wood, steam.	976	Ladysmith, Hakodate to San Francisco.	Volcano Bay, Japan...	Stranded .....	.....	"	50,000
May 4 1903.	Mount Royal... (111,778)	34	" "	Schr., wood, steam.	471	Victoria, B.C., Essing- ton, B.C., to Hazel- ton, B.C.	" "	" at Hazelton.....	.....	"	200
June 13 1904.	Norwegian..... (51,476)	38	Glasgow, G.B.	Schr., wood, steam.	2,252	Glasgow, Montreal to to Glasgow.	Larkin Island, Nfld...	" Master S. Whit- ney.	.....	"
May 23	Nellie Carter... (103,017)	10	Parrsboro, N.S.	Schr., wood, sail.	78	Economy, N.S., to Bos- ton, U.S.A.	.....	Put into Portsmouth with loss of deck load.	.....	"	3,500
June 8	Nellie White... (100,513)	12	" "	Schr., wood, sail.	124	Sand River, N.S., to New York.	Lloyd's Neck, Long Is- land Sound, U.S.A.	Stranded. Owner.....	.....	"
May 28 1903.	Nellie Gray.... (31,512)	25	St. John, N.B.	Schr., wood, sail.	63	St. Martins, N.B., to St. John, N.B.	Goose Creek, St. John, N.B.	Vessel sprang a leak and filled. Master.	.....	"	1,000
Dec. 8	Oscar..... (103,908)	6	Victoria, B.C.	Sloop, wood, steam.	95	Victoria, B.C., Seattle, Wash., Victoria, B.C.	Macaulay Pt., Victo- ria, B.C.	Stranded in fog. Master C. Thorngren.	.....	Part.	200
May 9	Olympia..... (111,729)	2	Lunenburg, N.S.	Schr., wood, sail.	99	Lunenburg, Canso to Banks fishing.	Sable Island, N. Atlan- tic.	Stranded. John Werth- emer, master.	.....	Total.	6,000
Jan. 11	Ovando..... (94,641)	15	" "	Schr., wood, sail.	88	Bay of Islands, Nfld., to Halifax, N.S.	Placentia Bay, Nfld., N. Atlantic.	Stranded. John Ren- out, master.	.....	Total.	3,400
April 23	Orphans.....	13	American.....	Schr., wood, sail.	74	Gloucester, Mass., to Liverpool, N.S., to Fishing ground.	North Sydney Har- bour, C.B.	Sunk by Ice.....	.....	Partial.	1,000
Aug. 20 1903.	Otis Miller..... (103,268)	8	St. John, N.B.	Schr., wood, sail.	98	New York, to St. John, N.B.	15 miles S. E. Isle of Holt, Me., U.S.A.	Lost mast, sails and rigg- ing in gale. Master M. C. Miller.	.....	Partial.	1,700
July 29	Pomeranian.... (85,193)	21	Glasgow, G.B.	Schr., iron, steam.	2,700	Glasgow, Montreal, to Glasgow.	In Montreal Harbour..	Stranded. Engines moved astern by mistake. Master Wm. White.	.....	
June 4 1904.	Proctector.....	13	Norwegian....	Schr., steel, steam.	1,678	Poston, Chicoutimi, to Cardiff.	Saguenay River, St. Lawrence.	Stranded. Master O. Mathieson.	.....	Total.	
March 9	Penelope..... (72,783)	2	Victoria, B.C.	Schr., wood, sail.	70	Victoria, B. C., His- quinish.	Callam Bay, Straits of Juan de Fuca, U.S.A.	Stranded. Master	Total.	6,000

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STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—Continued.

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.	Port Sailed from. — Port Bound to.	Place Where Casualty. happened.	Cause and Nature of Casualty.	Lives Lost.	Remarks.
1903.		Yrs								\$
Oct. 12 1904.	Prudent..... (94,741)	15	St. John, N.B.	Schr., wood, sail.	124	Parrsboro, N. S., to Vineyard Haven for orders.	St. Martin's Harbour, N.B., Bay of Fundy.	Stranded in heavy weather. er. Master A. Read.	....	Total. 700
June 14 1903.	Packet..... (100,515)	12	Parrsboro, N.S.	Schr., wood, sail.	49	St. John, N. B., to Bridgetown, N.S.	S. W. end of Partridge Island, St. John, N.B.	Stranding. Master. ....	....	Partial. 300
July 29	Queen..... (103,956)	6	Montreal, Que.	none, wood, steam.	192	Lying at Marble Cove, St. John, N.B., for repairs.	S. W. end of Partridge Island, St. John, N.B.	Burned. Owner D. J. Thorne.	....	Total. 15,000
Aug. 23	Queen of the Fleet. (69,187)	29	Lunenburg, N.S.	Schr., wood, sail.	46	Jeddore, N. S., Ship- pegan, N.B., to Hali- fax, N.S.	23 miles N. and W. from North Cape, P.E.I.	Floundered in heavy weather. Master T.A. Mackell.	....	Total. 2,300
June 22 1902.	Ressie..... (100,344)	2	Maitland, N.S.	Bktn., wood, sail.	561	Annapolis, Rosario to Boston.	Tuside, Cape Cod.....	Lost sails and masts. Master E. W. Spicer.	....
Dec. 10 1903.	River Belle..... (92,582)	15	Gaspé, Que....	Schr., wood, sail.	82	Paspebiac to Gaspé....	Gulf of St. Lawrence..	Stranded. Master R. Chicoine.	....	Total. 1,200
July 19	Romeo..... (100,673)	12	St. John, N.B.	Schr., wood, sail.	111	St. John to New York..	15 miles S. W. from Mount Desert, Me.	Lost deck load. Owner P. McIntyre.	....	Partial. 290
Aug. 27	R. L. Kenney... (111,518)	20	" "	Schr., wood, sail.	74	St. John to Moncton..	Texes ledges, Dorches- ter, N.B.	Stranded. Master E. Riddle.	....	Total. 7,500
Oct. 27	Rainbow..... (88,370)	19	Victoria, B.C.	Schr., wood, sail.	77	Victoria, B.C.	Anderson Reef, B.C....	Stranded in fog. Master D. Jacobsen.	....	Part. 1,500
Sept. 27	Reporter..... (85,588)	20	St. John, N.B.	Schr., wood, sail.	122	St. John, N.B., to New York.	Near Crass Rip Lt., Vineyard Haven, N. Atlantic.	Lost sails, chains and anchor in squall. Mas- ter R. D. Gilchrist.	....	Part. 400
Aug. 18	Russ.....	6	Denmark.....	Schr., steel, steam.	1,577	Pugwash, N.S., to Gar- ston, Eng.	Straits of Belle Isle, Gulf of St. Lawrence.	Struck a rock. R. Ras- musen, capt.	Serious.

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May 10 1904.	10	Resena. (100,280)	Windsor, N.S.	Bktn., wood, sail.	321	Wilmington, N.C., U. S.A., to Kingston, Jamaica.	Long Island, Georgia, U.S.A.	Sprung a leak.	Master.	Part.	3,500
May 24 1903.	17	Rosemary (90,262)	Charlottetown, P.E.I.	Schr., wood, sail.	94	Sydney, N.S., Summer- side, P.E.I., to Syd- ney, N.S.	Cape George 3 miles off, Bras d'Or Lakes.	Stranded.	Owner	Total.	2,500
June 20 1903.	10	Strathern. (100,337)	Maitland, N.S.	Bktn., wood, sail.	1,272	New York, Singapore to Boston.	Off Nantuckett, U.S.A.	Split sails. Master A.W. Flemming.			
May 29 1903.	13	Strathisla. (90,477)	" "	Barque, wood, sail.	1,280	Boston, U.S.A., Buenos Ayres, to E. London.	31° 27' S., 20° 26' W., S. Atlantic.	Lost deck fittings in heavy gale. Master K. McNulty.			
July 19 1903.	18	Sardhana. (87,421)	Glasgow, G.B.	Bktn., iron, sail.	3,119	Baltimore, U.S.A., to Quebec.	Point des Monts, River St. Lawrence.	Stranded. Master A. Gibson.	Partial.		
Nov. 21 1903.	26	Silver Stream. (74,096)	Halifax, N.S.	Schr., wood, sail.	35	Halifax, to Port Mou- ton.	Port Mouton, N.S.	Grounded. Master P.F. Smith.	Part.	600	
Sept. 16 1903.	12	Silver Wave. (100,062)	St. John, N.B.	Schr., wood, sail.	99	St. Martins, N.B., to New York, U.S.A.	Gravesend Bay, Brook- lyn, N.Y., U.S.A.	Run down and stranded. Master J. McLean.	Cargo. Part.	450 500	
Oct. 9 1903.	29	Sissie Lake. (66,844)	Halifax, N.S.	Schr., wood, sail.	26	Pictou, N.S., Charlotte- town, to Murray River.	Strait of Northumber- land.	Stranded in thick weath- er. Master A. McDon- ald.	Total.		
Nov. 12 1903.	24	Still Water. (79,998)	St. John, N.B.	Bktn., wood, sail.	1,052	Lying in St. John Har- bour.	.....	Run down by SS. Dom- inion.	Part.	800
Dec. 11 1903.	21	Springfield. (85,593)	" "	Wood, Steam.	147	At her wharf at Indian town, N.B.	.....	Hurricane drove vessel against wharf staving in her hull.	Part.	200
Feb. 12 1903.	20	Surprise. (85,625)	Parrsboro, N.S.	Schr., wood, sail.		Harbourville, U.S.A., to White Head, N.B.	Sunken Head, White Head Cove., N.B.	Stranded. Owner	Total.	400	
Feb. 15 1903.	1	St. Olaf (116,321)	Parrsboro, N. S.	Schr., wood, sail.	277	Jordan River, to New York, U.S.A.	20 miles east of Hatch- ers Isld, U.S.A.	Lost sails in gale. The owner.	Partial,	1,100	
" 14 1903.	1	Scotia Queen. (112,328)	" "	" "	108	River Herbert to New York.	Eel Point Shoal, Long Island Id., U.S.A.	Stranded. Master.	Part,	800	
Nov. 28 1903.	17	Sadie. (90,868)	Charlottetown P.E.I.	" "	79	Gaspe, Port Daniel to Charlottetown.	.....	Stranding. Master and owners.	Total,	1,700
April 10 1903.	15	Therese. (94,635)	Yarmouth, N. S.	" "	148	D'Ecousse, N.S., Pas- pebiac, Q. to Boston, U.S.A.	From Paspebiac, Bos- ton.	Lost part of deckload. Master A. Pertus.			
Aug. 18 1903.	.....	Turret Bell. (104,263)	Newcastle, G. B.	Schr., steel, steam.	2375	Blyth to Quebec	Louise Basin, Quebec.	Touched bottom coming out. Master J. Marcu- sin.		
.....	20	Treasurer. (85,628)	Parrsboro, N. S.	Ship, wood, sail.	1329	Boston to Buenos Ayres	Ortis Bank off Point India Rio Plate.	Stranded. Master W. W. Morris.			
.....	1	Transvaal. (90,477)	Digby, N.S.	Schr., wood, sail.	.....	Port Lorne to Bridge- town.	10 miles from Digby, N.S.	Capsized.		
May 13 1904.	31	Triumph (64,927)	Halifax, N.S.	" "	38	Halifax, N.S. to Port Medway, N.S.	Voglers Cove, N.S.	Stranded. Master.	Total,	300	

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STATEMENT of Wrecks and Casualties reported as having occurred to British, Canadian and Foreign Sea-going Vessels in Canadian Waters, &c.—*Concluded.*

Date of Casualty.	Name of Ship.	Age of Ship.	Port of Registry.	How Rigged. — Iron or Wood. — Steam or Sail.	Register Tonnage.	Port sailed from. — Port bound to.	Place where Casualty happened.	Cause and Nature of Casualty.	Lives lost.	Remarks.
1904.		Yrs								\$
Feb. 13 1903.	Tees..... (95,929)	11	Victoria, B.C.	Schr., iron, sail	441	Trial Island, B.C.....	Victoria, B. C., Port Simpson.	Stranded W. D. Hughes, master.	....	Partial.
Oct. 16	Urbain B..... (83,436)	16	Parrsboro, N. S.	Schr., wood, sail.	98	Yarmouth to Parrsboro	Cape Forchu Lt., Yarmouth, N.S.	Stranded.....	....	Part, 125
Nov. 27	Urbain B..... (83,436)	16	"	"	98	Parrsboro, N. S. to Yarmouth, N.S.	Off Cape Spencer, Bay of Fundy.	Damaged and strained in gale and while discharging at wharf.	....	900
June 12	V. T. H..... (90,669)	15	Digby, N.S....	"	149	Bear River to Boston, Mass.	Sea Point, Me., U.S.A.	Stranded. Master D. H. Delap.	...	Total, 3,575
Sept. 17	Vere B. Roberts (103,736)	5	Parrsboro, N. S.	"	124	New York, U.S.A., to Windsor, N.S.	Off Grand Manan, Bay of Fundy, N.S.	Damaged in storm. Master V. B. Roberts.	....	Partial, 300
June 16	Victor..... (80,058)	22	St. John, N.B.	"	110	New York, U.S.A., to Yarmouth, N.S.	Vineyard Haven, Mass.	Stranded. Master R. McHenry.	....	Total, 1,500
Sept. 11	Victor..... (80,058)	22	"	"	110	New Haven, Conn., to St. John, N.B.	Long Island near Mt. Desert, Me., U.S.A.	Stranded. Master R. McHenry.	...	" 5,000
" 5	Victory..... (100,052)	13	"	"	124	Dorchester, N. B., to Boston, Mass.	Hopewell Cape, N.B., Bay of Fundy.	Burned. Master A. G. Bishop.	....	" 3,500 1,848 500
" 9	Venture..... (111,796)	2	Victoria, B.C.	"	.....	Vancouver, Skagway to Vancouver.	Grenville Channel, B.C.	.....	....	Cargo, Part,
1904.										
Jan. 3	Vere B. Roberts (103,736)	6	Parrsboro, N. S.	"	124	Canning, N.S., to Havana, Cuba.	Parrsboro River, N.S., Minas Basin.	Stranding. Master.....	....	" 1,800
April 20 1903.	Viola..... (97,186)	13	Windsor, N.S.	"	124	St. John, N. B., to Vineyard Haven, U. S.A.	Burnt Cove Harbour, Maine, U.S.A.	"	....	Partial, 1,200
July 9	Wrasse..... (90,897)	14	Yarmouth, N. S.	"	56	Antigonish, Pictou, N. S., to New Richmond, Que.	1½ miles N.E. Shippegan Gulley, N.B., Gulf of St. Lawrence.	" Decost. Master J.	" 1,500

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June 21	Warrior..... (61,583)	28	Halifax, N.S..	"	93	St. John, N.B., to New York.	100 miles east of Cape Cod, N. Atlantic.	Lost part of deckload in gale.	Ship, Cargo, Part,	£100 £1,000 400
.....	Wahcoudale.... (102,577)	$\frac{1}{2}$	Glasgow, G.B.	— iron, steam.	996	Montreal, Que., to Fort William, Ont.	Lachine Canal, Que...	Bottom pierced by projecting rock. Manager.	....	....	....
Nov. 28	Wanita..... (100,019)	6	Windsor, N.S.	Schr., wood, sail.	42	St. John, N. B., to Walton, N.S.	Cape Chignecto, Bay of Fundy.	Stranded..	....	....	....
Oct. 30	Wellman Hall.. (100,018)	11	Parrsboro, N. S.	"	136	Hawkport, N. S., to New York, U.S.A.	Off Hawkport, N.S., to Minas Basin.	Burned. Master S. Knowlton.	....	Total,	4,000
" 27	Wempe Bros....	2	San Francisco, Cal.	"	605	.....	Bonilla Point, Vancouver, B.C.	Stranded during a gale...	....	Total.	....
1904.											
Nov. 21	Wandrian..... (85,617)	20	Parrsboro, N. S.	"	311	Walton, N.S., to New York.	Off Cape Cod, Mass., U.S.A.	Lost sails in heavy weather.	....	....	....
1903.											
Nov. 28	Wanita.....	....	Windsor, N.S.	"	42	St. John to Windsor..	Cape Chignecto, Advocate Bay.	Stranded. Master.....	....	500	....
1904.											
April 14	Wandrian... .. (85,617)	21	Parrsboro, N. S.	"	311	St. John, N. B., to Wallace, N.S.	Partridge Island, St. John, N.B.	Mistayed and stranded. St. John Agents.	....	Part,	500 3,000

APPENDIX No. 46

REPORT OF THE CHAIRMAN OF THE BOARD OF STEAMBOAT INSPECTION.

CHAIRMAN'S OFFICE,
OTTAWA, November, 1903.

To the Deputy
Minister of Marine and Fisheries,
Ottawa.

SIR,—I have the honour to submit the annual report of the working of the Steamboat Inspection Service for the fiscal year ending June 30, 1904.

It represents the general work of the service during the period mentioned, giving the number of steamboats inspected in the several divisions and their gross tonnage, with the amount of dues collected, as shown by the inspectors on account of inspection, with a statement of the board meetings held.

The steamboats inspected, their tonnage, &c., the fees received for engineers' examinations with the names of candidates and the grade of certificate issued, also the penalties enforced for violations of the Steamboat Inspection Act ; the casualties occurring as reported from the several divisions, with the reports as to the number of vessels added thereto, will be found in this supplement

In addition to the steamboats inspected at the port of Montreal, the ship's tackle and hoisting gear used for the purpose of loading and unloading those vessels to the number of 427, were also inspected by the steamboat inspectors of that port.

During the year owing to the increase of work there has been added to the staff two additional boiler and machinery inspectors, one for the port of Sorel, province of Quebec, and one for the West Ontario Division, to have office located at Collingwood, Ont. A new appointment has also been made to fill the position of boiler and machinery inspector at St. John, N.B., rendered vacant owing to the demise of previous incumbent as mentioned in former report.

NUMBER of steam vessels reported as shown by the inspectors of steamboats in the Dominion, and their gross tonnage, for the year ended June, 1904 ; also the number of vessels inspected but not registered in the Dominion for the same date.

DIVISION.	Number of Dominion registered steamers.	Gross ton- nage of Dominion registered steamers.	Number of steamers inspected but not registered in the Dominion.	Gross ton- nage of steamers inspected but not registered in the Dominion.
West Ontario.....	478	100,525·00	36	20,907·00
Kingston.....	173	23,390·31	30	2,501·91
Montreal.....	203	22,766·00	2	2,671·00
Sorel.....	77	20,667·66	2	1,853·08
Quebec.....	82	15,422·00	2	1,351·00
Nova Scotia.....	144	22,321·51	22	29,322·11
New Brunswick and Prince Edward Island.....	135	15,815·85	9	11,727·26
British Columbia and Yukon Territory .	267	65,939·43	24	29,946·27
Manitoba and North-west Territories.....	132	8,215·06	4	1,197·73
Total.....	1,691	295,062·82	131	101,477·36

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NUMBER of Dominion registered steam vessels inspected and their gross tonnage, with the amount of fees collected on account of steamboat inspection, during the year ended June 30, 1904.

Division.	Number of Dominion registered steamers inspected.	Gross ton- nage of Dominion registered steamers inspected.	Amount of fees collected on account of steamboat inspection.
			\$ cts
West Ontario.....	391	97,266·00	1,983 43
Kingston	166	22,953·42	211 68
Montreal	170	21,382·00	226 68
Sorel	68	20,415·30	
Quebec	93	17,900·00	79 68
Nova Scotia.....	137	25,527·56	2,577 76
New Brunswick and Prince Edward Island.....	125	15,532·73	985 08
British Columbia and Yukon Territory.....	246	59,311·09	2,517 20
Manitoba and North-west Territories..	91	7,165·91	95 76
Inspection of tow barges.....			30 00
Engineers' certificates.....			1,079 50
Total.....	1,487	287,454·01	9,786 77

BOARD MEETINGS.

November 18, 1903.—A meeting of a quorum of the Board of Boiler and Machinery Inspectors, composed of Joseph Samson, of Quebec, J. P. Esdaile, of Halifax, and E. Adams, chairman, was convened at St. John, N.B., for the purpose of examining candidates for the position of boiler and machinery inspector for that district, necessitated by the demise of former incumbent. The result of which, Mr. C. E. Dalton, of St. John, was appointed to fill the vacancy.

Consideration was also given to the question of revising the qualification as required for firemen's service in order to obtain a 4th class engineer's certificate, and was recommended that the thirty nominal horse power as required be reduced to sixteen, and also that service on steamboats having an engine of not less capacity than eighteen thousand inches of cylinder volume be also included, which was recommended.

The matter of certificating vessels propelled by power derived from naphtha, gasoline or similar fuel for the purpose of the carriage of passengers was taken into consideration, which was not favourably considered under the existing conditions.

Toronto, December 15, 1903.—A meeting of the board was convened, composed of J. Dodds, E. W. McKean, W. Evans, of Toronto, and E. Adams, chairman, for the purpose of examining a vessel propelled by power derived by gasoline, requiring to be certificated for the purpose of carrying passengers for hire, which under the conditions the board did not consider it in the interest of public safety to so do. The matter as to the safety of certificating boats driven by power derived by such means was fully considered, when it was decided that under stipulations as provided they might be certificated, and deferred the matter for further inquiry and consideration.

Toronto, January 22, 1904.—A meeting of a quorum of the board was convened, composed of J. Dodds and E. W. McKean, Toronto; J. P. Thompson, of Kingston; W. Laurie, of Montreal, and E. Adams, chairman. An examination of candidates for the office of boiler and machinery inspector was held, resulting in the appointment of Mr. J. B. Stewart to the office for West Ontario Division and Mr. Alexis Rondeau to the office for Sorel Division, province of Quebec.

The question of certificating boats driven by power derived from gasoline, naphtha or such material was again considered, and the results of former meetings submitted for consideration, which was closely discussed by the members present, when it was unanimously decided to recommend the conditions to be exacted before certificating

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such vessels, and that provision be provided for giving effect to same, which has been carried out and provided for whereby such boats may be certificated for the purpose of carrying passengers for hire.

The revising of the qualifications for firemen's service in order to obtain 4th class engineers' certificates as approved by the board at St. John, N.B., was also considered and recommended to be approved.

PROSECUTIONS WITH PENALTIES ENFORCED FOR VIOLATION OF THE STEAMBOAT INSPECTION ACT.

July 13, 1903.—The collector of customs at St. Stephens, N.B., seized the schooner *Hustler* for carrying an excursion in tow of a tug boat without being certificated and equipped as required by the Steamboat Inspection law; and exacted a penalty of \$100, of which owing to representations and extenuating circumstances as set forth to the Honourable the Minister of Marine and Fisheries, \$75 of the penalty was remitted to the owners and the balance retained to defray the expenses incurred in connection therewith.

July 15, 1903.—Complaint was made to the department that the tug *Sparrow* had in tow a scow having an excursion on board at Callander, Ont., and not being equipped or certificated for that purpose. The case was submitted to the Department of Justice to take legal proceedings against the owner of the vessel for violation of the law, and was tried before a stipendiary magistrate at North Bay, Ont., when a fine of \$50 was imposed, and in which from the nature of the case, the magistrate stated that had he any discretionary power the fine would not have been imposed, and that he would be glad to recommend remission of penalty; which was submitted with the extenuating circumstances for the consideration of the Honourable the Minister of Marine and Fisheries, who under the conditions remitted the penalty, the owners paying the legal expenses \$12.60 incurred by the department, which was complied with.

CASUALTIES.

The following are the casualties reported from the several districts as having occurred during the fiscal year ending June 30, 1904.

West Ontario Division.

On July 12, 1903, the steamer *White Star*, of Montreal, while lying at her wharf at Toronto, took fire and was damaged to such an extent as to require a thorough rebuild; the cause of fire is unknown. The steamer has been taken to Montreal to receive the necessary repairs.

On August 18, 1903, the steamer *Hiram R. Dixon*, of Owen Sound, was totally destroyed by fire at Michipicoten island; cause of fire is unknown.

On August 19, 1903, the steamer *Britannic*, of Montreal, while en route between Parry Sound and Collingwood, the walking beam of the engine broke, destroying the cylinder and condenser; the steamer was towed to Collingwood and the engine repaired.

On August 22, 1903, when the steamer *Erin*, of St. Catharines, (loaded with railroad iron) was on her way up from Montreal, she collided with the canal pier at Farren's Point and sank; the steamer was raised and taken to Kingston, where the necessary repairs were made.

On August 30 1903, the steamer *Pittsburg*, of Toronto, while lying at her quarters for the winter at Sandwich, took fire and was totally destroyed. The cause of fire is unknown.

On September 10, 1903, the tug *Reliance*, of Owen Sound, while in the vicinity of John's island, near Spanish river, took fire and was partially destroyed; the steamer was taken to Midland and thoroughly repaired; cause of fire is unknown.

On October 25, 1903, the steamer *Advance*, of Toronto, while being unloaded at Sault Ste. Marie, Ont., was partially destroyed by fire. The steamer is now at Kingston being repaired. Cause of fire is unknown.

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On November 10, 1903, the steamer *Atlantic*, of Collingwood, was totally destroyed by fire at Red rock, near Parry Sound. The steamer had encountered very rough weather while coming from Collingwood, and was leaking to such an extent that the water rose in the hold, coming in contact with unslacked lime (part of the cargo), which was stowed in the bottom of the hold, causing the ignition of the rest of the cargo.

On November 11, 1903, the steamer *Oriole*, of Toronto, was totally destroyed by fire at the mouth of the Wye river, near Midland. Cause of fire is unknown.

On November 17, 1903, while the steamer *Erin*, of St. Catharines (having in tow the schooner *Danford*), was on her way down Lake Superior, one of the eccentric rods broke, disabling the engine. A heavy sea was running at the time, and the tow-line parted, when the vessels separated. The *Erin* encountered severe weather for several days, and grave fears were entertained for her safety. She was finally located in the vicinity of Gargantua by the tug *C. E. Ainsworth*, and towed to Sault Ste. Marie, Michigan, where the necessary repairs were made to the engine. The schooner *Danforth* had previously arrived at Sault Ste. Marie.

On November 21, 1903, the steamer *Gem*, of Toronto, was partially destroyed by fire at Huntsville. The steamer has been rebuilt.

On June 19, 1904, the steamer *Joe Milton*, of Port Stanley, in a dense fog, ran aground near Papoose island, Georgian bay. Immediately after stranding she caught fire and was totally destroyed. The fire is supposed to have been caused by the upsetting of a lamp, which occurred by the shock of the steamer going aground.

East Ontario Division.

On July 5, 1904, the paddle passenger steamer *Alexandria*, of Picton, Ont., when on a trip between Montreal and Sorel, broke her piston rod, which resulted in the breaking of the cylinder, condenser and steam chest. No loss of life occurred. The steamer was towed into Sorel for repairs.

Montreal Division.

On October 26, 1904, ss. *Advance*, while lying at the wharf at Sault Ste. Marie, the cargo under the main deck took fire. The crew made every effort to extinguish it, but finding it impossible to do so, the ship was towed over to the American side and they sank her in twenty feet of water. She was afterwards pumped out and raised.

On June 16, 1904, steamer *Valleyfield*, while fitting out in the canal at Valleyfield, took fire and was partially burnt. Cause of fire unknown. She has since been repaired.

Quebec and Sorel Division.

On August 12, 1903, screw tug *Mersey*, of Quebec, while in commission sprung a leak and sank at Pointe aux Outardes, by which five of the crew lost their lives.

On August 19, 1903, the paddle steamer *Carolina* ran ashore at Passe Pierre, owing to a dense fog. She was subsequently floated and brought to Sorel, repaired and put into seaworthy condition. There was no loss of life.

On June 12, 1904, the paddle steamer *Canada*, on her trip from Quebec to Montreal, when near Sorel, collided with steamer *Cape Breton* and sunk in thirty feet of water, causing the death of four passengers and one of the crew. An endeavour is being made to again float her.

New Brunswick and Prince Edward Island Division.

On September 19, 1903, the paddle steamer *David Weston*, of St. John, N.B., plying between St. John and Fredericton, caught fire on the down trip, was beached in a few minutes and all the people were saved with the exception of three passengers who leaped overboard and were drowned. Vessel a total loss.

April 26, 1904, ss. *Elliot*, of Charlottetown, when proceeding on a sealing voyage in the Gulf of St. Lawrence, got caught between two ice fields, so that the outer stern post and rudder were carried away, the tail shaft bent and propeller broken, and

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drifting around got beached in Atlantic cove, where she was condemned, as she was leaking so badly it was impossible to keep her free. No lives were lost.

June 20, 1904, screw tug *Carrie Knight*, while lying at the wharf undergoing repairs caught on fire and was totally destroyed; cause of fire unknown. No fatalities.

Nova Scotia Division.

November 2, 1903, screw tug *Henry Hoover*, of Halifax, owing to a collision was sunk in Halifax harbour. No lives lost.

March 29, 1904, ss. *Louisburg*, of Montreal, grounded at Louisburg, N.S., and sustained damage which caused her to sink, she was subsequently floated and brought to Halifax, where she was repaired and put in seaworthy condition.

June 12, 1904, ss. *Cape Breton*, of Montreal, collided with the paddle steamer *Canada* in the St. Lawrence river, the latter steamer was sunk and five lives lost thereby. The *Cape Breton* was brought to Sydney, repaired and put in a seaworthy condition.

Manitoba and North-west Territories.

August 29, 1903, steamer *Keewatin*, of Winnipeg, while moored at the dock at Keewatin, caught on fire and was totally destroyed. Cause of fire unknown.

September 4, 1903, steam yacht *Grace B*, while lying in the boat house at Rat Portage was destroyed by fire with boat house.

April 28, 1904, stern paddle steamer *Gertie H*, while on a trip down the Red river at Winnipeg, ran against a partly opened draw of C.P.R. Bridge, tearing off her upper house, caught on fire and was totally destroyed.

British Columbia and Yukon Territory.

August 24, 1903, ss. *Pilot*, of Victoria, B.C., 279 tons gross tonnage, on a voyage from Juneau, Alaska, off Cape Fanshaw, broke her crank shaft; temporary repairs were made at Juneau, when she proceeded to Victoria, where a new shaft was made and fitted.

December 15, 1903, ss. *Amur*, of Victoria, B.C., 907 tons gross tonnage, on voyage from Alaska to Victoria, stranded on Eastern edge of Harbour reef, Port Simpson, during a fog, breaking the tail shaft; she was hauled off to wharf and a new shaft fitted; afterwards proceeded to Victoria where hauled out on marine slip; damage eighteen plates renewed on bottom and bilge.

February 13, 1904, ss. *Tees*, of Victoria, 679 tons gross tonnage, on a voyage from Northern B.C. ports to Victoria, stranded on eastern side of Trial island, was floated off on following day and brought to Victoria where hauled out on Marine ways; damage to twenty-nine plates, twenty-four of which were renewed.

February 15, 1904, ss. *Halys*, of New Westminster, B.C., 44 tons gross tonnage, whilst lying at Pilot bay, B.C., caught on fire, no one was on board at the time. A total loss.

March 25, 1904, ss. *Mermaid*, of Vancouver, 129 tons gross tonnage, while running at full speed in Jervis inlet, struck on rocks and stove in her bows, when she flooded and sunk in deep water. A total loss; no lives lost.

October 18, 1903, freight steamer *Champion*, of Vancouver B.C., 100 tons gross tonnage, was destroyed by fire in Ladysmith harbour; the fire was caused by water getting into her cargo of lime.

June 20, 1904, screw tug *Lois*, of Vancouver, B.C., 25 tons gross tonnage, was totally wrecked by running on to a rock in Howe Sound, B.C. No loss of life.

I am, sir, your obedient servant,

EDWARD ADAMS,
Chairman, Board of Steamboat Inspection.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected for the Year ended June 30, 1904.

WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
City of New York ..	Freight...	Not issued	292	.....	Screw, Lakes.
Winslow.....	Tug.....	" "	353	.....	" "
International.....	Car ferry.	July 6..	851	76 08	T. " Sarnia and Port Huron.
Manistigue.....	Tug.....	Not issued	474	.....	" Lakes.
Geo. W. Guyler.....	" "	" "	56	.....	" "
Helen S.....	16	July 20..	86	.....	" Algoma and French river.
St. George.....	Tug.....	" 21..	21	.....	" Toronto and vicinity.
John Hanlan.....	185	" 21..	37	.....	" Toronto bay.
Iris.....	Yacht...	Not issued	16	.....	" Georgian bay.
National.....	Tug.....	July 23..	18	.....	" Toronto bay.
Kaministiquia ..	220	" 28..	150	.....	" Lake Superior.
Iroquois.....	Pass.....	Not issued	240	.....	" Gore bay and vicinity.
Gordon Jerry.....	Freight...	" "	124	.....	" Lake Ontario.
Salvor.....	Tug.....	" "	.....	.....	" Lakes.
Abino.....	Fish tug..	Aug. 25..	8	.....	" Lake Ontario.
Maid of the Mist.....	80	" 25..	62	.....	" Niagara river.
Hope ..	300	" 26..	170	.....	" Buffalo and Fort Erie.
Augusta.....	Tug.....	" 27..	57	.....	" Welland canal.
A. D. Cross.....	" "	" 27..	47	.....	" "
Mary R.....	" "	" 28..	44	.....	" "
Golden City.....	" "	" 28..	35	.....	" "
M. R. Mitchell.....	" "	" 28..	40	.....	" "
Hector.....	" "	" 29..	66	.....	" "
Isobel.....	Dredge...	Not issued	507	.....	" "
Chas. E. Armstrong...	Tug.....	Aug. 29..	49	.....	" "
Meteor.....	" "	" 31..	47	.....	" "
M. A. Bennett.....	" "	" 31..	34	.....	" "
Nellie Bly.....	Fish tug..	Sept. 1..	13	.....	" Lake Ontario.
Winnie.....	Tug.....	" 8..	14	.....	" Lake Huron.
J. B. McLeod ..	Fish tug..	Not issued	25	.....	" "
A. Chambers.....	" "	Sept. 8..	23	.....	" "
Frank G. McAulay...	Tug.....	" 8..	43	.....	" "
D. McLeod.....	Fish tug..	Not issued	36	.....	" "
John Logie ..	" "	Sept. 9..	37	.....	" "
R. H. Dobson.....	" "	" 9..	44	.....	" "
Onward ..	" "	" 10..	22	.....	" "
Evelyn.....	" "	" 11..	32	.....	" "
Sea King.....	" "	" 11..	26	.....	" "
Victoria K ..	" "	Not issued	41	.....	" "
Huron.....	Tug.....	Sept. 12..	55	.....	" "
Jno. R. Arnoldi ..	Dredge...	Not issued	116	.....	" Bayfield harbour.
Tadousac.....	10	Sept. 29..	2,359	.....	" Lakes and rivers.
A. M. Petrie.....	Yacht....	Not issued	20	.....	" Lake Huron.
F. B. Bradley.....	Tug.....	Oct. 7..	29	.....	" Lake Erie.
Saida ..	Fish tug..	Not issued	14	.....	" "
Eleanor ..	" "	Oct. 8..	26	.....	" "
You and I ..	" "	Not issued	25	.....	" "
Lena ..	" "	Oct. 8..	14	.....	" "
City of Ladysmith....	" "	" 8..	35	.....	" "
Wm. Wilson.....	" "	" 8..	15	.....	" "
Maxie ..	" "	" 8..	16	.....	" "
W. M. Gorman.....	" "	" 9..	28	.....	" "
Belle.....	" "	" 9..	16	.....	" "
The Belle.....	" "	" 9..	31	.....	" "
Zara ..	Yacht....	" 10..	35	.....	" "
Swan ..	Fish tug..	" 12..	14	" "
Jubilee.....	" "	" 11..	10	" "
May B ..	" "	" 11..	10	" "
Enterprise.....	" "	" 13..	18	" "
Gordon Brown.....	" "	" 13..	33	" "

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Steam Vessels Inspected for the Year ended June 30, 1904—*Continued.*

WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
J. E. Mills..	Freight...	Not issued	149	...	Screw, Sarnia and vicinity.
Alert	Tug	Oct. 29..	47	.....	" Welland canal.
Escort	"	" 29..	40	.....	" "
Commodore Jarvis	Freight...	Nov. 2..	287	.....	T. " Lake Ontario.
Great Western	200	Sept. 23..	1,080	94 40	Paddle, Windsor and Detroit.
Huron	245	" 23..	1,052	92 16	Twin screw, Windsor and Detroit.
Scotia	Tug	Nov. 5..	13	.....	Screw, Detroit river.
Minnie F. Parsons	"	not issued.	46	.....	" "
Thistle	Fish tug..	Nov. 6..	35	.....	" Lake Erie.
City of Dresden	Pass	not issued.	194	.....	" "
Vick	Tug	Nov. 9..	12	.....	" Chatham and vicinity.
D. W. Crow	"	not issued.	27	.....	" "
Emma	"	Nov. 9..	6	.....	" "
Thames	Freight...	not issued.	...	.....	Paddle, "
T. J. Collop	"	Nov. 11..	63	.....	Screw, Wallaceburg and vicinity.
Maude	Tug	not issued.	19	.....	" "
Willie Seagil	"	Nov. 12..	22	.....	" "
Comfort	40	" 12..	14	.....	" Sombra and Mamie City.
Eagle	40	" 13..	12	.....	" Point Edward and vicinity.
Sylvester Kneeland ..	Tug	" 14..	46	.....	" Toronto bay.
		1905.			
Macassa	616	Mch. 22..	459	.....	Twin screw, Hamilton and Toronto.
Ontario	500	" 22..	1,615	.....	Paddle, Windsor and Detroit.
Arctic	Freight...	" 30..	101	.....	Screw, Lake Ontario.
City of Dresden ..	100	Apl. 18..	194	.....	" " Erie.
W. H. Stone	Fish tug..	" 18..	35	.....	" " "
Lakeside	524	" 21..	348	.....	" " Ontario.
Corsican	370	" 21..	946	.....	Paddle, Montreal and Hamilton.
Modjeska	801	May 15..	678	.....	Twin screw, Toronto and Hamilton.
Norseman	Freight...	" 24..	620	.....	Screw, lakes and rivers.
Tranquillo	Yacht	not issued.	39	.....	" "
Hope	300	May 30..	170	.....	" Buffalo and Fort Erie.
D. A. Gordon	420	" 31..	148	.....	" Lake Superior.
Clark Bros	200	June 6..	92	.....	" Toronto and vicinity.
Pappoose	168	" 7..	57	.....	" Detroit river.
Lincoln	500	" 7..	337	.....	" Sarnia and Lake Erie ports.
Winona	230	" 6..	231	.....	" Detroit river.
Margretta	Tug	not issued.	18	.....	" "
Florence	"	June 8..	113	.....	" lakes and rivers.
Home Rule	"	" 8..	81	.....	" "
Sunshine	Yacht	" 9..	66	.....	" "
Saginaw	Tug	" 9..	357	.....	" "
City of Chatham	627	" 10..	341	.....	" Chatam and Detroit.
City of Owensound	200	" 11..	754	.....	Paddle, Toronto and Jordan.
Hiawatha	300	" 12..	163	.....	Screw, Detroit river.
Turbinia	1,550	" 22..	1,064	.....	Triple screw, Toronto and Hamilton.
Acacia	200	" 22..	107	.....	Screw, Hamilton and Burlington.
Cruiser	Yacht	" 27..	55	.....	" Lake Ontario.
Tom Fawcett	175	" 28..	224	Paddle, Kingston and Cape Vincent.
Total			19,738	262 64	

JOHN DODDS,

Toronto, Ont.

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Steam Vessels Inspected in Canada but Registered elsewhere, for the year ended
June 30, 1904.

WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessels and where employed.
		1904.		\$ cts.	
City of Grand Rapids..	361	July 15..	399	39 92	Screw, Lake Erie.
Harley.....		Not issued	23	6 84	" Detroit river.
Pere Marquette No. 16.		"	1,938	163 04	(3) Screw, Lake Erie.
Iroquois.....	1,200	Aug. 26..	1,170	101 52	Screw, Lake Erie.
Transport.....	256	Sept. 16..	1,595	135 60	Paddle, Windsor and Detroit.
Transfer.....	233	" 16..	1,511	128 89	" " "
Michigan Central.....	281	" 18..	1,522	129 76	" " "
Victoria.....	250	" 18..	192	23 36	Screw " "
Ariel.....	226	Nov. 4..	202	24 16	" Walkerville and Detroit.
Welcome..	266	" 12..	213	25 04	" St. Clair and Courtright.
Niagara.....	100	" 23..	214	25 12	" Buffalo and Fort Erie.
Omar D. Conger.....		Not issued	196		" St. Clair river.
Pierre Marguette 14...		"			Twin screw, Port Huron and Sarnia
		1905.			
City of Toledo.....	1,120	April 19..	1,004	80 32	Paddle, Port Huron and Toledo.
Garland.....	517	" 19..	248	19 84	Screw, Detroit river.
Sappho.....	550	" 19..	224	17 92	" " "
Excelsior.....	250	" 20..	229	18 32	" Windsor and Detroit.
Pleasure.....	1,088	" 20..	490	39 20	" Detroit river.
Promise.....	1,000	" 20..	473	37 84	" " "
Tashmoo.....	1,887	May 18..	1,344	107 52	Paddle " "
Greyhound.....	1,748	" 18..	1,392	111 36	" Toledo and Goderich.
Arundell.....		Not issued	339	27 12	Screw, Detroit river.
Owana.....	1,066	May 18..	747	59 76	Paddle " "
Mascotte..	498	" 19..	162	12 93	Screw " "
Wyandotte..	900	" 19..	320	25 60	" Buffalo and Crystal Beach.
Darins Cole.....	1,075	" 19..	538	43 06	Paddle " "
Nellie H.....	40	" 31..	25	2 00	Screw, River St. Clair.
Columbia.....	1,500	June 10..	969	77 52	" Detroit river.
Hattie.....	200	" 10..	67	5 36	" " "
Idlewild.....		Not issued	363		Paddle " "
Grace Donner.....	185	June 13..	66	5 28	Screw, Samico and Port Huron.
James Beard.....	138	" 13..	87	6 96	" " "
Michigan (British) ...	500	Mar. 23..	1,730	138 40	Paddle, Windsor and Detroit.
Total.			19,992	1,639 59	

JOHN DODDS,

Steamboat Inspector.

Steam Vessels Inspected for the year ended June 30, 1904.

WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Maple Leaf.....		Not issued			Screw, pass. Lake of Bays & Couchiching.
Euterprise.....	305	July 8..	148		Twin Screw, Lake Simcoe.
Bobs.....	40	" 15..	38		Screw, Penetang and Point aux Baril.
Ophir.....		" 15..	11		" yacht, Parry Sound and vicinity.
Hugh S.....		" 15..	24		" fishing tug, Georgian bay.
Marie.....		" 15..	12		" tug, Georgian bay.
W. S. Oldfield..		" 16..	15		" " "
Dorothe.....		" 16..	8		" yacht, Parry Sound and vicinity.
Geraldine.....	40	" 16..	65		" Penetang & Pt. aux Baril (Inside).
Emma.....	250	" 16..	146		" " "
Bertha.....		" 16..	18		" yacht, Parry Sound and vicinity.
Lady of the Lake.....		" 17..	47		" freight, Georgian bay.
Lorna Doone.....	37	" 17..	26		" Pt. aux Baril & Moose Pt. (inside).
Pilot.....		" 17..	70		" tug, Georgian bay.
Harold Gauthier.....		Not issued	9		" " "
Halero.....		July 17..	8		" yacht " "
James Storey.....		Not issued	49		" tug " "
Snowstorm.....		July 18..	17		" " "
Edna.....	110	" 18..	55		" Penetang & Pt. aux Baril (inside).
Pearl.....		" 18..	6		" yacht, Mill Lake.
Ottawa.....		Not issued	2,431		" freight & pass., Duluth & Prescott.
Maniwa.....		July 22..	12		" yacht, Muskoka Lakes.
Ethel May.....		" 22..	13		" tug " "
Allena May.....		" 23..	16		" " "
Linnia.....		Not issued	5		" " "
Willonee.....		" "			" yacht " "
Devenish.....		July 23..	3		" tug " "
Rosseau.....		" 24..	53		" " "
Ontario.....		" 24..	11		" " "
Oso.....		" 24..	6		" yacht " "
Llano.....		" 24..	14		" " "
Anchora.....		" 24..	6		" " "
Lady of the Lake.....		" 24..	7		" " "
Florence Main.....	100	" 26..	79		" " "
Wapenas.....		" 25..	5		" " "
Naiad.....		" 25..	29		" " "
Theresa.....		Not issued	26		" tug " "
Fidelia.....		July 27..	9		" yacht " "
Southwood.....		" 27..	19		" tug " "
Manda.....		Not issued	12		" yacht " "
Puritan.....		July 28..	6		" " "
Sky Pilot.....		Not issued	5		" " "
Iagara.....		July 28..	7		" " "
Algoma.....		" 29..	5		" " "
Bella Vista.....		Not issued			" " "
Rulo.....		July 29..	9		" " "
Edith Ann.....		" 29..	11		" " "
Oriska.....		Not issued			" " "
Mildred.....		" "			" " "
Kacymo.....		July 29..	9		" " "
Manolia.....		" 30..	6		" " "
Oriole.....	100	" 30..	76		" " "
Hepburn.....		" 30..	15		" " "
Wapiti.....		Aug. 11..	18		" " Sault Ste. Marie and vicinity.
Alert.....		" 11..	9		" tug " "
Albert Wright.....	20	" 12..	29		" Thessalon and Little Current.
Canada.....		Not issued	312		" pass., Owen Sound and vicinity.
Venetta.....		Aug. 26..	31		" yacht " "
Clara May.....		Not issued			" fishing tug, Lake Huron.
Rambler.....		Aug. 26..	6		" " "
Lizzie May.....		" 26..	18		" " "

SESSIONAL PAPER No. 23

STEAM Vessels Inspected, &c.—West Ontario Division—*Continued.*BOILERS AND MACHINERY—*Continued.*

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
W. H. Siebold.....		Not issued	22		Screw, fish tug, Lake Huron.
Elite.....		Aug. 26..	22		" " "
John McKay.....		" 27..	37		" " "
Minnie A. Clark		Not issued	36		" " "
Edna Ivan.....	40	Aug. 27..	54		" Cutler and Little Current.
Osprey.....		" 28..	42		" fish tug, Lake Huron.
Coponaning.....		Sept. 1..	18		" tug, French river and vicinity.
Evelyn.....		" 2..	85		" " "
S. R. Morcross.....		" 2..	20		" " "
Maggie McLean		" 2..	37		" " "
Phoenix.....		" 22..	29		" tug, Lakes at Huntsville.
Gem.....		Not issued	9		" pass. "
Empress Victoria.....	100	Sept. 22..	106		" " "
Equal Rights.....		" 23..	6		" tug, Lake of Bays.
Mary Louise.....	40	" 23..	64		" Lake of Bays.
Dolly Gray.....		Not issued	5		" tug, Lake of Bays.
Joe.....	40	Sept. 24..	57		" Lakes at Huntsville.
Glad Tidings	10	" 25..	10		" Severn river and Sparrow lake.
Lady Franklin.....	20	" 25..	5		" " "
Agnes.....		Not issued	14		" pass., Roches Pt. and Belle Ewart.
W. D. Matthews.....	10	Oct. 12..	3,965		" " All lakes and rivers.
Midland King.....	10	" 12..	3,965		" " "
City of Windsor	258	" 9..	511		" Collingwood and Soo.
Joe Milton	200	" 10..	94		" " "
A. Seamen.....		" 10..	76		" tug, Georgian bay.
W. A. Rooth.....		" 19..	52		" " Soo and vicinity.
Algoma.....	650	" 19..	157		" Point Iroquois and Bruce Mines.
Iota.....		" 19..	6		" Soo and vicinity.
W. J. Smith.....		" 20..	26		" tug, Soo and vicinity.
Bertha Endress.....		Not issued	32		" " "
J. L. Beckwith.....		Oct. 20..	61		" " "
Vixen.....		" 21	68		" " "
Ripple.....		Not issued	5		" " "
N. Dymont.....		Oct. 22..	59		" tug, North channel.
Killarney Belle		" 23..	28		" " "
Annie Moiles.....	25	" 23..	71		" Killarney and Soo.
E. P. Sawyer.....		" 23..	52		" tug, North channel.
Jas. McKeon.....		" 24..	36		" " "
Espanola.....	21	" 26..	7		" Spanish river.
Fanny Arnold.....	31	" 27..	73		" Killarney and Soo.
P. S. Hiesordt.....		" 27..	45		" tug, North channel.
W. A. Seymour.....	30	" 27..	85		" Killarney and Soo.
Albert Wright.....	12	" 27..	29		" Thessalon and Little Current.
Stella.....		" 28..	16		" fish tug, North channel.
Surprise.....		Not issued	19		" " "
Scotch Thistle.....	27	Oct. 30..	17		" Blind river and Killarney.
Welcome.....		Not issued	21		" tug, North channel.
J. G. Gidley.....	18	Oct. 31..	57		" Killarney and Soo.
E. Blake.....		" 31..	22		" tug, North channel.
Hazard.....		Not issued	34		" pass, "
Iroquois.....	250	Nov. 2..	240		" Georgian bay ports.
Ethel.....		" 2..	13		" fish tug, North channel.
Tecumseh.....		Not issued	10		" tug, North channel.
Fred. Davidson.....	40	Nov. 2..	43		" Killarney and Soo.
Everard.....		" 2..	25		" fish tug, North channel.
Gypsy.....	8	" 4..	11		" Killarney and Soo.
Helen S.....	21	" 5..	86		" Collingwood and Soo.
Magnolia.....		" 25..	367		" tug, all lakes and rivers.
Traveler.....		Not issued	438		" " "
Minitaga.....		Nov. 26..	73		" " "
Margherita.....		" 26..	31		" yacht, Georgian bay.

STEAM Vessels Inspected, &c.—West Ontario Division—*Continued.*BOILERS AND MACHINERY—*Continued.*

Name of Vessel.	Number of Passengers allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and inspection Free Paid.	Class of Vessel and where employed.
		1905			
Annie M		Nov. 14..	33		Screw, fish tug, Georgian bay.
Alice G.		April 14..	36		" " "
B. M. Fraser		" 14..	50		" tug "
Midland Queen.	13	" 21..	1,993		" Duluth and Prescott.
Rosedale	8	" 21..	1,507		" "
Signal		" 21..	94		" tug, Georgian bay.
Metamora		Apr. 21..	239		Screw, tug Georgian bay.
Algonquin	10	" 22..	1806		" Duluth and Prescott.
Clipper		" 22..	46		" tug Georgian bay.
Dredge 9	Dredge..	" 22..	187		Midland Harbour.
Rover		" 21..	51		Screw, Midland and vicinity.
Tadousac		Not issued	2359		" pass. all lakes and rivers.
Reginald		Apr. 23..	186		" tug " " "
Lilly		" 23..	22		" " Victoria Harbour and vicinity.
Minnie M.	{ Lake 468 Coast 595 }	" 27..	613		" Toledo & Soo,
Captain Jim		" 27..	58		" fish. tug Lake Superior.
Commodore		" 27..	40		" tug Soo and vicinity,
Imperial		" 27..	36		" " " "
W. J. Emerson		" 27..	28		" fish. tug Lake Superior.
Philadelphia	40	" 28..	148		" all lakes and rivers.
R. A. McLean		" 28..	30		" tug Soo and vicinity.
Gordon Gauthier		" 28..	26		" fish. tug Lake Superior.
C. E. Ainsworth		" 28..	76		" " " "
General Weitzel		" 28..	32		" tug Soo and vicinity.
Florence M		" 29..	8		" " " "
Myles	Frt-..	May 2..	1199		" frt. all lakes and rivers.
Arabian	12	" 2—	1073		" Duluth & Quebec.
W. D. Matthews		Not issued	3965		" pass. all lakes and rivers.
Telegram	200	May 3..	198		" Collingwood & Soo.
Severn		" 3..	44		" tug Collingwood and vicinity.
Arcadia		" 3..	26		" fish. tug Georgian bay.
W. H. Price		" 3..	13		" " " "
Hugh S.		" 4..	24		" " " "
Emerson		" 4..	276		" tug all lakes and rivers.
Saucy Jim.		" 4..	93		" " Georgian bay.
Maud S		" 4..	14		" " " "
City of Midland	326	" 5..	974		" Collingwood & Soo.
Majestic	636	" 5..	1578		" Fort William & Windsor.
City of Collingwood	328	" 5..	1387		" Collingwood and Duluth.
Onaping		" 5..	256		" tug all lakes and rivers.
Manitoba	500	" 6..	2616		" Fort William & Owen Sound.
Athabasca	500	" 6..	2269		" " " " "
Alberta	500	" 6..	2282		" " " " "
Heather Belle		" 6..	20		" fish. tug Georgian bay.
Arbutus		" 6..	49		" tug " "
Iroquois	10	" 6..	2359		" Duluth & Prescott.
Agnes		" 7..	23		" tug Georgian bay.
Charlie Jones		" 7..	16		" fish. tug Georgian bay.
Dredge Frank	Dredge..	" 7..	185		Owen Sound Harbour.
Port Blgin Queen		" 7..	37		Screw, tug Owen Sd. and vicinity.
J. H. Jones		Not issued	152		" pass. Georgian bay & Lake Huron.
Primrose		May 9..	23		" fish. tug " "
R. J. Morrell		" 9..	40		" Georgian bay.
Sea Gull		Not issued	19		" fish. tug Georgian bay.
James Storey		May 9..	49		" " " Lake Superior.
Jas. Playfair		" 9..	26		" " " Georgian bay.
Beatrice M		" 10..	36		" " " "
Maggie May		" 10..	46		" " " "
City of Toronto	400	" 10..	782		Paddle, Collingwood & Killarney
Balize		" 11..	250		Screw tug Georgian bay.
United Empire	357	" 11..	1961		" Duluth & Windsor.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected, &c.—West Ontario Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passengers allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1905.			
Harrison.....		May 17..	150		Screw, tug Georgian bay.
Ripple.....		" 17..	15		" " " "
Thomas Maitland.....		" 18..	107		" " " "
Joe Milton.....		Not issued	93		" " " " and Lake Huron.
Gracie.....		May 19..	41		" fish. tug Lake Superior.
Gemanie.....	496	" 20..	1014		" Collingwood & Duluth,
Superior.....		" 20..	89		" frt. all lakes & rivers.
Leighton McCarthy.....		" 20..	36		" fish. tug Georgian bay.
Ethyll Reid.....		" 20..	36		" " " " "
J. D. Hamill.....		May 25..	111		Screw, frt. Georgian bay.
Annie Silmon.....		" 26..	19		" tug "
		1904.			
Sandford.....		Dec. 31..	56		" " " "
A. Seamen.....		Not issued	76		" " " "
		1905.			
Fred A. Hodpon.....		May 27..	63		" " " "
Laura M.....		June 1..	18		" fish. tug "
Mizpah.....		" 1..	18		" yacht "
Wexford.....		Not issued			" frt. all lakes & rivers.
Ossifrage.....		" "	632		" pass. "
Shawanaga.....		June 9..	96		" tug "
Agnes Smith.....		" 10..	57		" " North channel.
C. E. Benham.....		" 10..	140		" " " "
W. S. Davis.....		" 10..	46		" fish. tug Lake Superior.
John Haggart.....	235	" 10..	202		" Soo & Blind river.
Harold B. Phillips.....		" 11..	66		" tug Soo & vicinity.
Jno. J. Noble.....		" 15	33		" fish. tug Lake Superior.
Jessie M.....		Not issued	14		" tug North channel.
J. H. McDonald.....		June 17..	41		" " " "
Camilla.....	40	" 18..	54		" Thessalon & Killarney.
Dispatch.....		" 18..	33		" tug North channel.
Geo. W. Cuyler.....	25	" 21..	56		" Killarney & Thessalon.
Glyn.....		" 22..	20		" fish. tug North channel.
Dalton McCarthy.....		Not issued	54		" " " Georgian bay.
Waubauskene.....		June 28..	135		" tug "
Maud D.....	140	" 28..	81		" Penetang & Point aux Baril inside.
Total.....			53,565		

E. W. McKEAN,
Steamboat Inspector.

TORONTO, ONT.

STEAM Vessels Inspected in Canada but registered elsewhere for the year ended
June 30, 1903—West Ontario Division.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passen- gers allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.			
Fortune.....	500	Aug. 10..	200	.....	S. Soo, Ont. & Soo, Michigan.
King Edward.....	593	June 9..	571	.....	P. Soo & Toledo.
International.	Pass.....	Not issued	144	.... . .	S. Soo & vicinity.
Total . . . . .	.....	.....	915		

E. W. McKEAN,
Steamboat Inspector.

TORONTO, ONT.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected for the year ended 30th June, 1904.

WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel, and where employed.
				\$ cts	
Seguin	20	April 4..	818	.....	Screw, Quebec and Duluth.
Melburne	125	" 13..	894	.....	" Toledo and Montreal.
Cuba	125	" 13..	931	.....	" Montreal and Sarnia.
Persia	150	" 20..	757	.....	" " Hamilton.
Shamrock	412	" 18..	154	.....	Paddle, ferry, Toronto bay.
Kathleen	220	" 18..	110	.....	Screw " "
D. R. Van Allen ..	.....	" 20..	318	.....	" freight, Duluth and Montreal.
Electric .....	.....	" 21..	49	.....	" yacht.
Danl. Lamb .....	.....	" 21..	253	.....	Dredge, Toronto bay.
St. George .....	.....	" 21..	21	.....	Screw, tug "
Ocean	125	" 22..	684	.....	" Montreal and Sarnia.
Spartan	322	" 25..	402	.....	Paddle " Hamilton.
Erin .....	.....	" 30..	651	.....	Screw, freight, all lakes and rivers.
Huronic	653	May 6..	3,330	.....	" Windsor and Duluth.
Chippewa	2,000	" 9..	1,514	.....	Paddle, Toronto and lake ports.
Corona	1,456	" 9..	1,274	.....	" " "
Ongiara	244	" 9..	98	.....	Screw, Niagara and Lewiston.
Monarch	345	" 11..	2,017	.....	" Windsor and Duluth.
Primrose	900	" 13..	189	.....	Paddle, ferry, Toronto bay.
Mayflower	900	" 13..	189	.....	" " "
Mazeppa	285	" 13..	146	.....	Screw, Pt. Auix and Penetang.
John Hanlan	185	" 13..	37	.....	" ferry, Toronto bay.
Island Queen	140	" 13..	23	.....	" " "
Arlington	100	" 13..	23	.....	" " "
Kingston	1,000	" 17..	2,925	.....	Paddle, Toronto and Prescott.
Toronto	1,000	" 18..	2,779	.....	" " "
Rheata .....	.....	Not issued	27	.....	Screw, tug, Toronto bay.
Garden City { Coasting	760 }	May 19..	637	.....	Paddle, Lake Ontario ports.
{ Lake....	514 }				
Ada Alice	125	" 20..	60	.....	Screw, ferry, Toronto bay.
Ojibway	450	" 30..	194	.....	" Toronto and Oakville.
Hiawatha .....	.....	June 2..	46	.....	" yacht, Toronto bay.
Empress Victoria	100	" 11..	106	.....	" Huntsville and lakes.
Phoenix .....	.....	" 11..	29	.....	" tug " "
Joe	40	" 11..	51	.....	" Huntsville and lakes.
Equal Rights .....	.....	" 13..	6	.....	" tug, Lake of Bays.
Lady of the Lakes .....	.....	" 13..	10	.....	" " " "
Mary Louise .....	.....	Not issued	64	.....	" pass. " "
Maple Leaf .....	.....	" "	.....	.....	" " " "
Dolly Gray .....	.....	June 13..	5	.....	" tug " "
Wenonah .....	.....	Not issued	161	.....	Paddle and screw, pass., Burk Falls and Ahmic harbour.
Emulation .....	.....	June 14..	25	.....	Screw, tug, Magnetawan river.
Glenrosa .....	.....	" 14..	63	.....	" " " "
Wanita	109	" 14..	44	.....	" Burk's Falls and Ahmic harbour.
Theresa .....	.....	" 14..	26	.....	" tug " "
Gem	38	" 15..	27	.....	" Port Sydney and lakes.
Medora	349	" 16..	377	.....	" Muskoka lakes.
Kenozha	250	" 16..	225	.....	" " "
Comet .....	.....	" 17..	20	.....	" tug " "
Elgin L. Lewis	120	" 18..	50	.....	" Lake Couchiching.
Constance	38	" 27..	52	.....	" Muskoka Lakes.
Priscilla .....	.....	" 27..	20	.....	" yacht "
Muskoka	250	" 27..	197	.....	" " "
Gravenhurst .....	.....	" 28..	29	.....	" tug " "
Onagonah .....	.....	" 28..	19	.....	" " " "
Mink	25	" 28..	56	.....	" " " "
Nymph	40	" 28..	29	.....	" " " "
Kestrel .....	.....	" 29..	7	.....	" yacht "
Ahmic	65	" 29..	43	.....	" " "

STEAM Vessels Inspected, &c.—West Ontario Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
				\$ cts.	
Nymoca		June 29..	25	.....	Screw, tug, Muskoka Lakes.
Bertha May.....		" 29..	9	.....	" " " "
Neska.....		" 29..	9	.....	" yacht " "
Queen of the Isles.....		" 30..	40	.....	" tug " "
Oriole.	100	" 30..	75	.....	" " " "
Nipissing. . .	277	" 30..	275	.....	Paddle " "
City of Bala.....	40	" 30..	74	.....	Screw " "
Islander.....	107	" 30..	165	.....	" " " "
Total.....			23,963		

Toronto, Ont.

JAS. B. STEWART.

SESSIONAL PAPER No. 23

Steam Vessels not inspected for the year ended June 30, 1904.

WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Gross Tonnage.	Registered Tonnage.	REMARKS. Why not Inspected and Class of Vessel.
Delila.....	4	3	Screw, passenger.
Lillie Smith.....	275	187	" freight.
Manitou.....	470	297	" passenger.
Tecumseh.....	840	530	" freight.
Tepiakom.....	29	20	" fishing tug.
Sarnia.....	85	58	" tug.
Argyle.....	41	28	" "
Ariadno.....	38	26	" fishing tug.
Juno.....	288	196	" freight.
Lansdowne.....	1,571	908	Paddle, car ferry.
Ranger.....	8	5	Screw, tug.
Dredge Hackett.....	96	50	Dredge.
W. J. Strong.....	41	28	Screw, tug.
Topsy Yacht.....	9	6	" passenger.
Mayflower.....	26	17	" "
J. C. Else.....	33	21	Paddle, tug.
Sea Gull.....	9	6	Screw, "
Albani.....	5	4	" yacht.
Charlie M.....	50	30	" passenger.
Johnie Wilson.....	7	5	" tug.
Ina.....	14	10	" yacht.
C. W. Chamberlain.....	385	243	" freight.
Ella.....	15	10	" passenger.
Minota.....	29	19	" yacht.
Cynthia.....	35	24	" fishing tug.
Jas. Norris.....	50	34	" tug.
Dolphin.....	24	17	" "
Neills.....	11	7	" "
Islay.....	175	119	" passenger.
Dredge Simcoe.....	214	136	Dredge.
Lake.....	13	5	Screw, tug.
City Queen.....	69	42	" passenger.
Voyageur.....	44	30	" yacht.
D. L. White.....	56	38	" tug.
Penetang.....	100	64	" passenger.
John Lee, Sr.....	88	60	" "
Minnicog.....	35	24	" "
Sweet Mary.....	13	9	" tug.
Lilly May.....	10	7	" "
Britannic.....	428	228	Paddle, passenger.
Soncie.....	14	9	Screw, yacht.
Boscobel.....	617	420	" tug.
Mary Amott.....	8	6	" "
City of Mt. Clemens.....	102	69	" freight.
Harry Sewell.....	25	17	" tug.
E. G. Ashley.....	10	7	" "
Torpedo.....	8	6	" "
Odessa Yacht.....	12	8	" passenger.
Eagle.....	10	7	" tug.
Waubashene.....	97	47	" "
Stiletto.....	14	10	" passenger.
Lillian.....	5	4	" tug.
Bruce.....	16	10	" "
United Lumberman.....	399	259	" "
Secret.....	9	6	" yacht.
Flyer.....	4	3	" passenger.
Minette.....	4	3	Screw yacht.
Annie C. Hill.....	14	9	" "
J. J. O'Brien.....	59	31	" passenger.
Gertie C.....	15	10	" tug.
Menadora.....	73	50	" "
Caroline.....	12	8	" "
Charlton.....	389	265	" "

Inspected since
June 30, 1904.

No application.

4-5 EDWARD VII., A. 1905

Steam Vessels not inspected for the year ended 30th June, 1904—*Continued.*

WEST ONTARIO DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Gross Tonnage.	Registered Tonnage.	REMARKS.	
			Why not Inspected and Class of Vessel.	
Shamrock	14	10	Screw fishing tug.	No application.
W. E. Gladstone	59	40	" tug.	
Clucas	28	19	" fishing tug.	
Islander	6	4	" tug.	
Mabel G.	10	8	" yacht.	
Home Rule	3	2	" tug.	
Beaver	29	12	" "	
Reliance	311	182	" "	
Juno.	28	19	" fishing tug.	
Pauline Hickler	50	34	" tug.	
C. M. Bowman	88	60	" "	
Roy	6	4	" yacht.	
M. G. McDonald	29	19	" fishing tug.	
Glenora	17	10	" yacht.	
Sonntag	7	5	" "	
Agnes C.	20	10	" tug.	
Ida Bell	6	3	" fishing tug.	
Nina	11	9	" tug.	
Sea Queen.	18	12	" fishing tug.	
Una	22	15	" yacht.	
Ella Taylor	34	23	" tug.	
Ida	21	6	" yacht.	
Harvey Neelon.	65	47	" tug.	
Nautilus.	9	6	" "	
W. E. C. U.	6	4	" yacht.	
Louisa	13	9	" "	
Uncle Tom	8	3	" fishing tug.	
Luella	38	26	" passenger.	
Cleopatra	104	71	" yacht.	Not running.
Mabel M.	7	5	" tug.	
R. C. Britton	213	149	" freight.	
Molly S.	45	27	" passenger.	
Florence Main	79	52	" "	
Creole	21	14	" tug.	
Sarah E. Day	5	4	" "	
G. P. McIntosh	58	41	" "	
Urania	898	424	Paddle passenger.	
Herbert M.	26	18	Screw tug.	
Island Belle	31	21	" "	
Siesta	3	2	" "	
J. C. Clark	145	99	" passenger.	
L. Shiekluna	16	11	" tug.	
Uncle Jim	11	8	" "	
Adrelexa	15	10	" passenger.	
Wales	350	238	" tug.	
Ivey Alderson	39	27	" fishing tug.	
Total	10,671	6,637		

JOHN DODDS,
E. W. McKEAN,
JAS. B. STEWART,
Steamboat Inspectors.

TORONTO, ONT.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected for the year ended June 30, 1904.

WEST ONTARIO DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where Employed.
		1904.		\$ cts.	
Helen S.	16	July 13..	86	.....	Passenger, Georgian bay.
Scow No. 1....	100	" 14..	..	10 00	" Toronto bay,
John Hanlan....	185	" 14..	37	.....	" "
Clark Brothers....	200	" 14..	92	.....	" Hamilton and Whitby.
George W. Cuyler....	25	" 16..	56	.....	" Sault and French River.
Emma	250	" 21..	146	.....	" Pt. aux Baril and Penetang.
Geraldine.....	40	" 21..	65	.....	" " "
Bobs.	40	" 22..	38	.....	" " "
Edna.....	110	" 22..	55	.....	" " "
John Lee, sr. coast lake {	201 } 291 }	" 22..	88	.....	" Collingwood and Penetang.
Lorna Doone.....	37	" 22..	26	.....	" Pt. aux Baril and Morse Pt.
City Queen.	40	" 23..	69	.....	" Penetang and Pt. aux Baril.
Maud	28	" 23..	40	.....	" " "
Penetang.....	15	" 23..	102	.....	" Byng Inlet and Penetang.
Masonic	38	" 23..	39	.....	" Penetang and Pt. aux Baril.
Minnicog.....	40	" 24..	35	.....	" " "
Imperial.....	220	" 27..	150	.....	" Port Arthur and Lake Superior
Commodore Jarvis.....	.....	Nov. 10..	287	.....	Freight, Toronto and Lake Ontario.
		1905.			
Séguin.	20	April 18..	818	.....	" Quebec and Duluth.
Macassa	616	" 26..	459	.....	Passenger Toronto and Hamilton.
Lakeside.....	524	" 26..	348	.....	" Toronto and Lake Ontario.
Melbourne.....	125	" 26..	894	.....	" Toledo and Montreal.
Cuba	125	" 26..	931	.....	" Montreal and Sarnia.
Corsican.....	370	" 27..	946	.....	" Montreal and Hamilton.
Spartan.....	322	" 27..	946	.....	" " "
Ocean.....	125	" 27..	684	.....	" " Sarnia.
Persia.....	150	" 28..	757	.....	" " Hamilton.
Arabian.....	12	" 29..	1073	.....	" Duluth and Quebec.
Myles.....	.....	" 29..	1199	.....	Freight " "
Erin.....	.....	" 30..	651	.....	" " "
Rosedale	8	May 2..	1507	.....	Passenger, Duluth and Prescott.
Algonquin.....	10	" 2..	1806	.....	" " "
Midland Queen.	13	" 3..	1993	.....	" and freight all lakes.
City of Toronto.....	400	" 4..	782	.....	" Collingwood and Killarney.
City of Collingwood...	325	" 4..	1387	.....	" " Duluth.
City of Midland	326	" 4..	974	.....	" " Sault.
Majestic.....	636	" 4..	1578	.....	" Pt. William and Windsor.
United Empire.....	357	" 5..	1961	.....	" Windsor and Duluth.
Germanic.....	496	" 5..	1014	.....	" Collingwood and Duluth.
Alberta	500	" 6..	2282	.....	" Pt. William and Owen Sound.
Athabasca.....	500	" 6..	2269	.....	" " "
Manitoba.....	500	" 7..	2616	.....	" " "
Iroquois.. ..	10	" 7..	2359	.....	" Duluth and Prescott.
Huronic.....	563	" 9..	3330	.....	" " Windsor.
Monarch	345	" 10..	2017	.....	" " "
Hiawatha.....	300	" 10..	163	.....	" Amherstburg and Pt. Huron.
Ongiara.....	244	" 12..	98	.....	" Niagara river.
Corona	1456	" 12..	1274	.....	" Toronto and Lake Ontario.
Chippewa	2000	" 12..	1514	.....	" " "
Island Queen.....	140	" 13..	23	.....	" Toronto bay.
Shamrock	412	" 13..	154	.....	" " "
Mayflower.. ..	900	" 13..	189	.....	" " "
Primrose.....	900	" 13..	189	.....	" " "
Chicora	872	" 14..	931	.....	" Toronto and Lake Ontario.
Ontario	500	" 16..	1615	.....	" Windsor and Detroit.
Michigan.....	500	" 16..	1730	.....	" " "

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected, &c.—West Ontario Division—*Concluded.*

HULL INSPECTION.

Name of Vessel.	Number. of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel, and where employed.
				\$ cts.	
Winona.....	230	May 17..	231	.....	Passenger, Amherstburg and Sarnia.
Pappoose.....	168	" 17..	57	.....	" " Pt. Huron.
Garden City Coast lake {	760 }	" 20..	637	.....	" Toronto and Lake Ontario.
514 }					
D. R. Van Allen.....	.....	" 21..	318	.....	Freight, Duluth and Montreal.
Mazeppa.....	232	" 21..	146	.....	Passenger, Penetang and Pt. aux Baril.
Toronto.....	1000	" 23..	2779	.....	" Toronto and Prescott.
Kingston.....	900	" 23..	2925	.....	" " "
Abino.....	40	" 24..	8	.....	" Niagara river.
Maid of the Mist.....	80	May 26 ..	62	.....	Passenger, Niagara Falls.
Hope.....	300	" 26...	170	.....	" Buffalo and Fort Erie.
Ada Alice.....	125	" 28...	60	.....	" Toronto bay.
Kathleen.....	220	" 28...	110	.....	" " "
C. W. Chamberlain....	.....	" 30...	385	.....	Freight, all lakes and rivers.
Lincoln. { Lake.....	360 }	June 1....	337	.....	Passenger, Sarnia, Lake Erie.
{ River.....	500 }				
City of Chatham.....	627	" 1....	362	.....	" Detroit and Chatham.
Ojibway.....	450	" 3....	194	.....	" Toronto and Oakville.
Norseman.....	.....	" 6....	620	.....	Freight, Duluth and Prescott.
Modjeska.....	801	" 7..	678	.....	Passenger, Toronto and Hamilton.
City of Owen Sound...	200	" 8....	755	.....	" " Jordan.
Ottawa.....	8	" 12...	2431	.....	" Duluth and Prescott.
John Haggart.....	235	" 14...	184	.....	" Sault and Blind River.
King Edward.....	593	Oct 1....	571	.....	" " Toledo.
Iroquois.....	250	June 16...	240	.....	" " Collingwood.
Edna Ivan.....	40	" 16...	54	.....	" Cutler and Little Current.
Agnes Smith.....	.....	not issued.			
Camilla.....	40	June 17...	54	.....	" Thessalon and Killarney.
Julien V. O'Brien....	25	" 18...	59	.....	" Georgian bay.
City of Windsor.....	258	" 24...	511	.....	" Sault and Collingwood.
Turbinia.....	1,550	" 27...	1064	.....	" Toronto and Hamilton.
Maud D.....	140	" 30...	81	.....	" Penetang and Pt. Aux Baril.

WM. EVANS,
Hull Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada, but Registered elsewhere, for the year ended
June 30, 1904.

WESTERN ONTARIO DIVISION.

HULL INSPECTION—*Concluded.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
City of Grand Rapids.	361	July 15...	399	39 92	Passenger, Lake Erie ports.
Niagara	100	Nov. 23...	214	24 12	" Buffalo and Fort Erie.
Ogemaw	20	May 17...	594	47 52	" All lakes and rivers.
Mascott	498	" 19...	162	12 96	" Amherstburg and Pt. Huron.
Nyandotte.. . . .	900	" 27...	320	25 60	" Buffalo and Crystal beach.
Owana	1,066	June 1...	747	59 76	" Sarnia and Toledo.
Greyhound	1,748	" 1...	1392	111 36	" Toledo and Goderich.
Tashmoo.. . . .	1,887	" 1...	1344	167 52	" Pt. Huron and Amherstburg.
Nellie H.. . . .	40	" 2...	25	2 00	" River St. Clair.
Omar D. Conger	575	" 2...	196	15 68	" Sarnia and Detroit.
Darius Cole.. . . .	1,075	" 25...	538	43 06	" Buffalo and Crystal beach.

WM. EVANS,
Hull Inspector.

STEAM Vessels Inspected, for the year ended June 30, 1904.

WEST ONTARIO DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where Employed.
		1904.		\$ cts.	
Mink.	40	Aug. 24 ..	56	.....	Screw Muskoka lake.
Ahmic.	75	" 24...	70	.....	" "
Islander.	107	" 24...	165	.....	" "
Nymph.	40	" 24...	29	.....	" "
Charlie M.	32	" 25...	50	.....	" "
Constance.	40	" 25...	52	.....	" "
Oriole.	100	" 25...	75	.....	" "
Florence Main.	100	" 26...	79	.....	" "
City of Bala.	40	" 26...	74	.....	" "
Nipissing.	310	" 26...	275	.....	Paddle " "
Medora.	360	" 26...	377	.....	Screw " "
Kenozha.	289	" 26...	225	.....	" "
Muskoka.	301	" 27...	197	.....	" "
Wanita.	109	" 27...	44	.....	Burks Falls & Ahmic Harb'our
Wenonah.	102	" 28...	161	.....	Paddle & screw Burks Falls & Ahmic Harb'r.
Joe.	40	" 28...	57	.....	Screw Huntsville & Lake of Bays water.
Empress Victoria.	100	" 28...	106	.....	" " " "
Mary Louise.	40	" 28...	64	.....	" Lake of Bays & Dorsett.
Islay.	348	" 31...	175	.....	" " Simcoe & tributaries.
Longford.	150	" 31...	53	.....	" " " "
Elia.	40	" 31...	15	.....	" " " "
Lady Franklin.	20	" 31...	5	.....	" Severn river & Sparrow lake.
Glad Tidings.	10	" 31...	10	.....	" " " "
Acacia.	200	" 31...	107	.....	" Hamilton & Burlington.
Great Western.	200	Sept. 22...	1,080	.....	Paddle Windsor & Detroit.
Huron.	245	" 22...	1,052	.....	T. screw, " "
Lansdowne.	200	" 22...	1,571	.....	Paddle, " "
International.	Frt.	July 2....	851	.....	T. screw, Sarnia & Pt. Huron.
Eagle.	40	Not issued	12	.....	Screw, Pt. Edward & Pt. Huron.
City of New York.		" "	292	.....	" frt., lakes & rivers.
United Lumberman.		May 6....	399	.....	" " " "
Juno.		" 15...	288	.....	" " " "
Comfort.	40	Sept. 25...	14	.....	" Marine City & Sombra.
City of Dresden.	100	" 26...	194	.....	" Windsor & Lake Erie Pts.
Tadousac.	10	" 29...	2,359	.....	" All lakes.
J. H. Jones.	240	Aug. 15...	152	.....	" Lake Huron & Georgian bay.
Mayflower.	35	Apl. 1....	26	.....	" Waubaushene & Penetang.
Lake Michigan.	Frt.	July 8....	573	.....	" Lakes & rivers.
W. D. Matthews.	10	Oct. 15...	3,965	.....	" " " "
Middland King.	10	" 15...	3,965	.....	" " " "
Minnie M. { Lake	468 }	" 17...	613	.....	" Toledo & Sault.
{ Canal	598 }				
Ossifrage. { Lake	447 }	Not issued	632	.....	" Michipicoten & Sault.
{ River	550 }				
Algoma.	650	Oct. 19...	157	.....	" Pt. Iroquois & Bruce Mines.
Philadelphia.	40	" 21...	148	.....	" Lakes & rivers.
Annie Moiles.	25	" 22...	71	.....	" Killarney & Sault Ste. Marie.
Telegram.	200	" 23...	198	.....	" Collingwood & " "
Albert Wright.	12	" 24...	29	.....	" Thessalon & Little Current.
Espanola.	21	" 26...	7	.....	" Spanish river.
Fannie Arnold.	31	" 26...	73	.....	" Killarney & Sault.
Wm. H. Seymore.	30	" 27...	85	.....	" " " "
Joe Milton.	200	Apl. 1....	92	.....	" Collingwood & Sault.
Iroquois.	200	Not issued	240	.....	" Owen Sound & Sault.
J. G. Gidley.	18	Oct. 28...	57	.....	" Killarney & Sault.
Scotch Thistle.	27	" 29...	17	.....	" " & Blind river.
Fred Davidson.	40	" 30...	43	.....	" " & Sault.
Hazard.	10	No cert. of		.....	" " & Thessalon.
		Regstr..			
Geo. W. Cuyler.	25	Oct. 31...	56	.....	" " " "
Helen S.	21	Nov. 3....	86	.....	" Collingwood & Sault.
Gypsy.	8	" 4....	11	.....	" Killarney & Sault.

M. R. DAVIS, *Inspector of Hulls & Equipment*

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but Registered Elsewhere for the year ended
June 30, 1904.

WEST ONTARIO DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessels and where Employed.
		1904.		\$ cts.	
Iropuois Lake.	800				
" Canal.	1200	Aug. 21..	1170	101 52	Screw, lakes and rivers.
Michigan Central.	281	Sept. 18..	1522	129 76	Paddle, Detroit and Windsor.
Transfer.	233	" 18..	1511	128 89	" and screw, Detroit and Windsor.
Transport.	256	" 18..	1595	135 60	" Detroit and Windsor.
Garland.	517	" 19..	248	27 84	Screw " "
Victoria.	250	" 19..	192	23 36	" " "
Sapho.	550	" 19..	224	25 92	" between Lakes Erie & Huron.
Excelsior.	250	" 19..	229	26 32	" Detroit and Windsor.
Promise.	750	" 19..	473	45 84	" Amherstburg and Pt. Huron.
Pleasure.	853	" 21..	490	47 20	" " "
Columbia.	1500	" 21..	969	85 84	" " "
City of Toledo.	1095	" 21..	1004	88 32	Paddle, Toledo and Pt. Huron.
Ariel.	226	Aug. 28..	202	24 16	Screw, Walkerville and Detroit.
Grace Darmer.	200	Sep. 23..	66	10 28	" Pt. Huron and Sarnia.
James Baird.	150	" 24..	87	11 96	" " "
Welcome.	266	" 25..	213	25 04	" St. Clair & Courtright.
Pere Marquette.	51	Not issued	1938	163 04	Tug screw, Pt. Stanlay & Conneaut.
Fartimi.	500	Aug. 4..	200	24 00	Screw, Sault Ste. Marie ferry.

M. R. DAVIS,

Inspector of Hulls & Equipment.

STEAM Vessels Inspected for the year ended 30th June, 1904.

EAST ONTARIO DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel, and where Employed.
		1904.		\$ cts.	
Jessie Bain.....	150	July 3..	66.58		Screw, Kingston and Prescott.
Maida Vale.....		" 8..	18.74		Yacht, Stony lake.
Idle Hour			2.40		Screw, passenger, Stony lake.
Bancroft			9.56		Paddle, steam punt, Lindsay waters.
White Star.....		July 8..	8.88		Screw " Kawartha Lakes.
Victoria.....		" 9..	3.90		" tug "
Hazlitt		" 9..	23.70		Paddle alligator tug "
Empress.....	224	" 9..	84.48		Screw, cos., Victoria & Peterborough.
Flash			4.74		Screw, pass. " "
Muskoka.....		July 10..	22.05		Paddle, allig'r tug " "
Majestic.....	180	" 10..	67.77		Screw, cos. " "
Estelle		" 10..	8.24		" yacht " "
Alert	150	" 10..	53.38		" cos. " "
Esturian.....	300	" 10..	139.39		Paddle " " "
Ogemah	175	" 10..	71.75		" " " "
Calumet	30	" 10..	21.87		Screw " " "
Ajax		" 10..	32.97		" tug " "
Lady of the Lake.....	38	" 10..	32.95		t cos. " "
Pearl.....	18	" 10..	6.39		" " " "
Stranger.....		" 10..	53.41		" tug " "
Maple Leaf.....		" 10..	26.08		" " " "
Cora	40	" 10..	22.61		" cos. " "
Dawn		" 10..	20.20		" tug " "
McClintock.....		" 10..	20.72		Paddle, allig'r tug " "
Kawartha		" 10..	16.69		Screw, Fenelon Falls & Kawartha lake.
Dauntless	10	" 10..	3.38		" " " "
Minnie May		" 10..	10.20		Paddle, steam punt, Fenelon Falls & Kawartha lake.
Beaver		" 10..	91.50		" tug, Lindsay waters.
Marie Louise.....		" 10..	32.19		Screw " " "
Manita.....	150	" 10..	34.10		" cos., Victoria & Peterborough
Baptiste.....			7.51		Paddle, steam punt, Lindsay waters.
Waterwitch.....		July 10..	17.70		Screw, tug " "
Comet.....	32	" 10..	7.60		" cos., Victoria & Peterborough.
Dredge Alfred.....			89.19		Spoon dredge " "
Alexandra.....	150	July 10..	104.92		Screw, cos. " "
Rockaway			6.80		Paddle, st'm punt " "
Kenosha.....	350	July 10..	266.20		" cos. " "
Greyhound	40	" 10..	37.35		Screw " " "
Beaver	40	" 10..	18.00		" Rice Lake and tributaries.
North Star	160	" 10..	39.60		" " " "
Rob Roy		" 10..	4.52		" yacht " "
Lassie			5.52		" " " "
Mermaid			10.95		" " " "
Rainbow.....	100	July 10..	50.69		" " " "
City of Peterborough.....	310	" 10..	224.29		T. " " "
Arthemise.....			10.75		" yacht " "
Water Lily.....	125		53.93		" cos., Victoria & Peterborough.
Edmond.....		May 28..	39.10		" tug, Rideau canal.
Frontenac.....		Aug. 1..	110.76		" " River St. Lawrence.
Wm. Johnston.....		" 1..	94.72		" " " "
M. & W.....		" 10..	8.48		" " " "
Florence.....		" 13..	6.70		" fish tug, Bay of Quinté.
Vesta		" 13..	7.80		" yacht " "
Prince Edward			18.22		Paddle, Tyendenaga and Sophiasburg.
Trent		Aug. 15..	19.51		" alligator tug, Bay of Quinté.
Florence.....		May 18..	3.08		Screw, yacht " "
Maggie May		Aug. 17..	29.03		" tug, Rideau canal.
Lillian B.....	20	" 18..	3.76		" Carleton Place and Innesville.
Tropic.....	30	" 19..	8.86		" Kingston and Ottawa.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected &c.—East Ontario Division—Continued.

BOILERS AND MACHINERY—Continued.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where Employed.
		1904.		\$ cts.	
Eva Belle.....		Aug. 19..	10·10		Screw, fish patrol boat, Rideau canal.
Kilbirnie.....		" 19..	15·23		" yacht, Rideau canal.
Nellie.....	20	" 19..	6·82		" Kingston and Ottawa.
Wenonah.....		" 21..	5·59		" yacht, Rideau canal.
Geraldine.....		" 21..	17·90		" " "
Westport.....		Sept. 3..	80·27		" freight " "
Dredge No. 6.....		" 1..	100·00		Spoon dredge, River St. Lawrence.
Amy.....		" 1..	39·50		Screw, tug " "
Beaver.....		" 1..	40·88		" " canal and river.
Mary Ellen.....		" 1..	20·22		" " " "
Stranger.....	150	" 1..	69·58		" Kingston and Montreal.
Grenada.....	175	" 1..	57·00		" " " "
Gracie.....	40	" 1..	10·50		Paddle, Cornwall and Dundee
Annie Barnett.....		" 1..	41·89		Screw, tug, canal and river.
Princess Louise.....	100	" 1..	26·36		" Kingston and Montreal.
Ivy.....	35	" 12..	7·43		" Cornwall and Stanley island.
A. B. Cooke.....		" 1..	34·17		" tug, canal and river.
Dredge Ottomac.....		" 1..	195·65		Elevator dredge.
Mary.....		" 1..	53·49		Screw, tug, canal and river.
Wm. Davis.....		" 1..	40·23		" " " "
Mona.....		" 1..	24·70		" " " "
Dredge Ottawa.....		" 1..	219·95		Spoon dredge.
Gilbert.....		" 1..	40·83		Screw, tug, canal and river.
Dredge Iroquois.....		" 1..	287·18		Spoon dredge.
Torpedo.....		" 1..	197·69		Drill boat.
Frank.....		" 1..	15·97		Screw, tug, canal and river.
Dredge D. Stewart.....		" 1..	295·21		Spoon dredge.
John Hunter.....		" 1..	32·14		Screw, tug, canal and river.
Cleveland.....					Drill boat.
Umbria.....		Sept. 1..	42·98		Screw, tug, canal and river.
Myra.....		" 1..	73·21		" " River St. Lawrence.
Jap 1.....	40	Aug. 20..	10·54		" Kingston and Prescott.
Water Lily.....			95·09		" freight, River St. Lawrence.
C. W. Cole.....			15·50		" fish tug " "
		1905.			
Pierrepont.....	415	April 9..	251·98		Paddle, Trenton and Prescott.
Lake Michigan.....			573·28		Screw, freight, Great Lakes.
Iona.....		April 11..	231·53		" " lake and river.
Resolute.....	25	" 15..	371·86		Twin screw, all lakes and rivers.
Ranger.....	15	" 15..	13·83		Screw, Trenton and Picton.
Deseronto.....	85	" 15..	54·57		" " Prinzer's cove.
Reliance.....	25	" 15..	239·14		Twin screw, lakes and rivers.
Rescue.....	25		52·29		Screw, Trenton and Prescott.
Ella Ross.....	300	April 16..	324·88		Paddle, Brighton and Prescott.
David G. Thomson.....		" 16..	185·05		Screw, tug, River St. Lawrence.
Rosemount.....		" 18..	1,580·37		" freight, all lakes and rivers.
Aletha.....	350	" 18..	171·27		" Brighton and Montreal.
D. D. Calvin.....		" 19..	749·53		" freight, all lakes.
India.....		" 19..	976·49		" " " "
Simla.....		" 19..	1,490·04		" " " "
Water Lily.....		" 22..	95·09		" " River St. Lawrence.
Alexandria.....	600	" 22..	863·15		Paddle, Charlotte and Quebec.
Aberdeen.....		" 23..	141·86		Screw, freight, lake and river.
Lloyd S. Porter.....		" 23..	488·63		" " " "
Rideau King.....	300	" 26..	265·92		" Kingston and Ottawa.
Valeria.....	40	" 29..	51·55		" " Prescott.
Jessie Hall.....		" 29..	56·54		" tug, River St. Lawrence.
John Milne.....		" 29..	108·53		" freight, Rideau canal.

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected, &c.—East Ontario Division—*Concluded.*BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passen- gers allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees paid.	Class of Vessel and Where employed.
		1905.		\$ cts.	
Glide		May 30..	77.90		Screw, tug, River St. Lawrence.
Nile		" 3..	96.30		" freight "
Kate		" 4..	22.41		" yacht "
Bothnia		" 5..	833.36		" freight "
Chicora	872	" 6..	930.50		Paddle, Toronto and lake ports.
Parthia		" 7..	198.13		" tug, River St. Lawrence.
D. S. Walker		" 12..	55.55		Screw " "
Dredge Central City		" 13..	223.62		Spoon dredge.
D. P. Dey		May 13..	11.26		Screw, tug, River St. Lawrence.
Dredge No. 4		" 13..	175.41		Spoon dredge.
H. F. Bronson		" 14..	137.12		T.S., tug, River St. Lawrence.
North King	525	" 14..	872.95		Padd., Lake Ont. & Riv. St. Lawrence.
Chieftain		" 14..	434.68		" tug, River St. Lawrence.
America	600	" 14..	520.53		" Trenton and Montreal.
Dorothy			10.09		Screw, Napanee and Trenton.
Jessie Forward			5.64		" yacht, Bay of Quinté.
Reindeer	125	May 16..	58.29		" Napanee and Prenzlers cove.
Armenia	250	" 17..	109.99		" Trenton and Prescott.
Niagara	450	" 18..	396.43		" Toronto and Montreal.
Varuna	275	" 18..	134.04		" Trenton and Prescott.
Madge		" 18..	7.22		" yacht, Bay of Quinté.
Argyle	800	" 19..	700.29		Padd., L. Ontario & Riv. St. Lawrence.
Annie Lake	40	" 19..	18.52		Screw, Brighton and Prescott,
Kismit		" 20..	5.42		" yacht, Bay of Quinté.
Dredge I. X. L.		June 2..	100.00		Spoon dredge.
Aurelia		" 2..	32.05		Screw, tug, River St. Lawrence.
Michael Davitt			28.24		" " "
Brockville	358	June 4..	190.75		" Kingston and Cornwall.
Sovereign	150	" 6..	44.92		" Rice Lake and tributaries.
Margaret					" yacht, River St. Lawrence.
Eric (Gasoline)			2.86		" " "
Rideau Queen	300	May 9..	350.75		" Kingston and Ottawa.
Wherenow	100	" 9..	47.78		" Kingston and Prescott.
Gonow (Gasoline)			1.15		" River St. Lawrence.
Lolita			1.70		" " "
Kiniroing		May 14..	145.40		" freight, Rideau Canal.
Skylark		" 15..	43.29		" yacht, River St. Lawrence.
Caspian	500	" 15..	957.44		Paddle, Charlotte & Thousand Isl'ds
Antelope	40	" 20..	24.98		Screw, Trenton and Prescott.
Lee		June 20..	8.73		" yacht, River St. Lawrence.
Albani		" 20..	57.83		" " "
Leone	20	" 20..	4.26		" Kingston and Prescott.
Victoria	186	" 20..	58.10		" " and Cornwall.
Ellen	40	" 20..	25.10		" " and Montreal.
Illicillewaet		" 20..	16.59		" yacht, River St. Lawrence.
Kenneth		" 20..	4.11		" " "
Zeila			3.40		" " "
International			395.31		Twin screw, freight and car ferry.
City of Belleville	200	June 20..	101.17		Screw, Brockville and Ogdensburg.
Mayflower			392.05		" freight, River St. Lawrence.
Total			22,953.42		

THOS. P. THOMPSON,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but Registered elsewhere, for the Year ended
June 30, 1904.

EAST ONTARIO DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Pas- sengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Ins- pection Fees Paid.	Class of Vessels and where employed.
		1904.		\$ cts.	
Castanet.....	175	June 20..	54·00	9 40	Screw, Kingston and Ogdensburg.
Cresco.....			62·00	9 96	" River St. Lawrence.
Riverside.....			124·00	17 92	" " "
Wm. Armstrong.....	25	June 16..	181·24	22 48	" Prescott and Ogdensburg.
		1905.			
Islander.. ..	468	April 6..	118·61	9 52	Paddle, Trenton and Ogdensburg.
New Island Wanderer..	400	" 18..	123·00	9 84	Screw, Kingston and "
St. Lawrence.	645	May 5..	312·90	25 04	Paddle " "
Castanet.....	175	June 1..	54·50	4 32	Screw " "
Sirius.....	50	" 2..	22·78	1 84	" Trenton and Montreal.
Ramona.. ..	150	" 10..	57·07	4 56	" " Ogdensburg.
Niagara.....	40	" 11..	36·00	2 88	" Lake Ontario and Riv. St. Law.
New York	730	" 1..	294·87	23 52	Paddle, Kingston and Ogdensburg.
Valetta.....	38	" 20..	27·84	2 24	Screw, Trenton and "
Sophia.....			16·36	1 28	" River St. Lawrence.
Wm. Armstrong.....	25	June 20..	181·25	14 48	" Prescott and Morristown.
Island Bell.....	300	" 20..	89·77	7 20	" Kingston and Ogdensburg.
Nettie.....	30	" 20..	11·02	0 88	" Cape Vincent and Quebec.
Outing.....	25	" 20..	15·87	1 28	" Kingston and Fort Corington.
Algona.....	250	" 20..	92·06	7 36	" " Montreal.
Mary.....	300	" 20..	174·64	13 92	" " Fort Corington.
Henry Plumb.....	81	" 20..	92·78	7 44	" Prescott and Morristown.
Riverside.....			133·00	....	" River St. Lawrence.
H. P. Bigelow.....			46·67	....	" "
Indianna.....			26·00	2 08	" "
I Wonder.....			16·11	1 28	" "
Virginia.....			21·00	1 68	" "
Capt. Visgar.....			29·23	2 32	" "
Capt. Dave Waggoner..			19·00	1 52	" "
Gen. W. B. Franklin..			11·35	0 88	" "
Idler.....			57·00	4 56	" "
Total.			2,501·91	211 68	

4-5 EDWARD VII., A. 1905

STEAM Vessels not Inspected for the Year ended June 30, 1904.

Name of Vessel.	Gross Tonnage.	Registered Tonnage.	Remarks.
			Why not Inspected and Class of Vessel.
Dalce.....	4.74	3.22	Screw, pass., not in commission.
Mary Ethel	98.61	56.13	Paddle " "
Marmara.....	12.96	8.82	Screw " "
Lorlei.....	5.88	4.00	" yacht " "
Mollie.....	10.72	7.29	" " " "
Rambler.....	8.75	7.60	Paddle, tug " "
Glengarry.....	732.41	438.46	Screw, freight " "
Madge.....	9.49	6.46	" yacht, no application.
Total.....	883.56	531.98	

THOS. P. THOMPSON,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected for the Year ended June 30, 1904.

EAST ONTARIO DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Wanda... { Montreal Prescott.	15 30	} July 3..	39	. . . . .	Screw, Trenton and Montreal.
Ellen { Montreal Prescott.	30 40				
Esturian.....	300	" 14..	139	.....	Paddle, Cos. Vict. and Peterboro.
Kawartha	30	" 14..	17	.....	Screw, Fenelon Falls and Kawartha lakes.
Dauntless.....	10	" 14..	3	.....	" " "
Manita.....	150	" 15..	34	.....	" Cos. Vict. and Peterboro.
Kenosha.....	350	" 15..	266	.....	Paddle, " "
Comet.....	32	" 16..	8	.....	Screw, " "
Jessie Bain.....	150	May 1..	67	.....	" Kingston, Cos. Vict. and Peterboro.
Dawn	30	Not issued	20	.....	" Cos. Vict. and Peterboro.
Cora.....	40	July 18..	23	.....	" " "
Alexandra	150	" 20..	105	.....	" " "
Calumet	30	" 20..	22	.....	" " "
Pearl.....	18	" 20..	6	.....	" " "
Ogemah.....	175	" 20..	72	.....	Paddle, " "
Empress.....	224	" 21..	84	.....	Screw, " "
Majestic.....	180	" 21..	68	.....	" " "
Alert	150	" 21..	56	.....	" " "
Waterlily	125	" 22..	54	.....	" Rice lake and tributaries.
Rainbow.....	100	" 22..	51	.....	" " "
City of Peterboro.....	310	" 22..	224	.....	T. " " "
North Star.....	160	" 23..	40	.....	" " "
Lady of the Lakes	38	" 23..	33	.....	" Cos. Vict. and Peterboro.
Greyhound.....	40	Nov. 1..	37	.....	" " "
Lillian B.....	20	Aug. 11..	4	.....	" Carleton Place and Innsville.
Commodore	25	Not issued	3	.....	" " "
Tropic.....	30	Aug. 12..	9	.....	" Kingston and Ottawa.
Princess Louise... { P. M.	100 65	} Sept. 10.	26	.....	" " and Montreal.
Grenada..... { P. M.	175 125				
Ivy.....	20	Not issued	7	.....	" Cornwall and Stanley Isle.
Gracie.....	40	Sept. 12..	11	.....	Paddle, " Dundee.
Stranger.....	.....	Not issued	70	.....	Screw, Kingston and Montreal.
Nellie.....	20	Aug. 12..	7	.....	" " Ottawa.
Beaver.....	40	July 17..	18	.....	" Rice lake and tributaries.
		1905.			
Pierrepoint.....	415	April 11..	252	.....	Paddle, Trenton and Prescott.
Iona.....	.....	" 13..	232	.....	Screw, freight, all lakes.
D. D. Calirn.....	.....	" 19..	750	.....	" " Lakes and rivers.
Innia .....	.....	" 19..	976	.....	" " "
Simla .....	.....	" 19..	1490	.....	" " "
Aletha.....	350	" 20..	171	.....	" Brighton and Montreal.
Resolute.....	25	" 21..	372	.....	T. " Lakes.
Deseronto	85	" 21..	55	.....	" Trenton and Prinzers cove.
Reliance.....	25	" 21..	239	.....	T. " Lakes.
Ella Ross.....	300	" 21..	325	.....	Paddle, Brighton and Prescott.
Ranger.....	15	" 22..	19	.....	Screw, Trenton and Picton.
Alexandria... { Lake River.	400 600	} " 22..	863	.....	Paddle, Charlotte and Quebec.
Lloyd S. Porter.....	.....			
Rideau King.....	300	" 27..	266	.....	Screw, lakes and rivers.
Valeria	135	" 28..	52	.....	" Kingston and Ottawa.
Rosemount.....	.....	" 28..	1580	.....	" " Prescott.
		1904.			
Jap 1.....	40	Aug. 15..	11	.....	" Kingston and Prescott.

4-5 EDWARD VII., A. 1905

STEAM Vessels, Inspected for the Year ended June 30, 1904.—*Concluded.*

EAST ONTARIO DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
		1905.			
Bothnia		May 4..	833	.....	Screw lakes and rivers.
America .. { Montreal		} " 14..	521	.....	Paddle, Trenton and Montreal.
Prescott ..	600				
North King.....	525	" 16..	873	.....	" Lake Ont. and River St. Law.
Reindeer.....	125	" 19..	58	.....	Screw, Napanee and Prinzers Cove.
Armenia.....	250	" 19..	110	.....	" Trenton and Prescott.
Varuna ..	275	" 19..	134	.....	" " "
Annie Lake.	40	" 19..	19	.....	" Brighton and Prescott.
Prince Edward.	5	Not issued	18	.....	Paddle, Tyendinaga and Sophiorlay.
Rescue	25	" "	52	.....	Screw, Trenton and Prescott.
Arrow.	23	" "	4	.....	" Kingston and Prescott.
Argyle. { Lake .	535	} June 2..	700	.....	Paddle, Lake Ont. and River St. Law.
River.	800				
Niagara..... { Lake .	250	} " 2..	396	.....	Screw, Toronto and Montreal.
River.	450				
Sovereign.....	150	Not issued	45	.....	" Rice lake and tributaries.
Rideau Queen. { River.	150	} June 8..	351	.....	" Kingston, Montreal and Ottawa.
Canal.	300				
Eric	12	Not issued	3	.....	" " and Prescott.
		1904.			
Stranger.....	150	Sept. 10..	65	.....	" " and Montreal.
Ivy.....	35	" 10..	7	.....	" Cornwall and Stanley island.
		1905.			
Victoria. .. { Cornwall.	125	} June 14..	58	.....	" Kingston and Cornwall.
Prescott ..	186				
Leone.....	20	" 14..	4	.....	" " Prescott.
Antelope.	40	" 15..	25	.....	" Trenton and Prescott.
Brockville.. { Cornwall.	240	} " 15..	191	.....	" Kingston and Cornwall.
Prescott ..	358				
International.....	Freight.	Not issued	395	.....	T. " Ogdensburg and Prescott.
Elgin L. Lewis.....	120	" "	50	.....	" Lake Simcoe.
Caspian.....	500	June 23..	957	.....	Paddle, Charlotte and 1000 Islands.
Wherenow.	100	" 27..	48	.....	Screw, Kingston and Prescott.
Stoney Lake.....	272	Not issued	156	.....	" Cos. Victoria and Peterboro.

M. R. DAVIS,
Hull Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but Registered Elsewhere, for the Year ended
June 30, 1904.

EAST ONTARIO DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Sophia	25	Aug. 6..	16	6 28	S., Trenton and Montreal.
Valetta	38	" 8..	28	7 24	S., " Ogdensburg.
Columbia	40	June 1..	26	7 08	S., " "
		1905.			
Islander.....	468	April 15..	119	9 52	P., " "
New Island Wanderer.	400	" 20..	123	9 84	S., Kingston "
St. Lawrence.....	645	May 16..	313	25 04	P., " "
Ramona.....	150	June 10..	57	4 56	S., Trenton "
New York.....	730	" 10..	294	23 52	P., Kingston "
Niagara { Canal { River,	15 40	} " 11..	36	2 88	S., Lake Ontario coasting and R. St. Law.
		1904.			
Sirius..... { Montreal. } { Prescott.. }	50	Sept. 12..	23	1 84	S., Trenton and Montreal.
		1905.			
Wm. Armstrong....	25	June 15..	181	14 48	S., B. P. & O. & M. ferry.
Henry Plumb	81	" 16..	93	7 44	S., " "
Island Belle	300	" 16..	90	7 20	S., Kingston and Ogdensburg.
Algona... { Montreal. { Prescott .	175 250	} " 16..	92	7 36	S., " Montreal.
Nettie.....	30	" 16..	11	0 88	S., Cape Vincent and Quebec.
Riverside.....	340	Not issued	134	.....	S., Kingston and Ogdensburg.
Outing	25	June 17..	16	1 28	S., " Ft. Covington.
Mary. { Ft. Covington. { Prescott...	290 300	} " 17..	174	13 92	S., " "
Valetta	38	" 20..	28	2 24	S., Trenton and Ogdensburg.
Sophia.....	22	" 25..	16	1 28	S., Kingston "
Indienne.....	21	Not issued	26	2 08	S., " "

M. R. DAVIS,
Inspector of Hulls and Equipment.

STEAM Vessels Inspected for the Year ended June 30, 1904.

MONTREAL DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where meployed.
		1904.		\$ cts.	
Garnet.....	200	July 9..	152		Paddle, Montreal and Cornwall.
Col. By.....		" 22..	9		Screw, tug, Rideau Canal.
Robert Anglin.....		" 22..	97		" frt., "
Emile.....		" 22..	12		" tug, "
Advance.....	10	" 24..	1,130		" frt., Montreal and Duluth.
Hazel E.....		" 29..	13		" tug, Lake Memphremagog.
Lady of the Lake.....	630	" 29..	607		Paddle "
John A.....		" 29..	20		Screw, tug "
Massawippi.....	10	" 30..	4		" Lake Massawippi.
St. Louis.....		Aug. 11..	29		Screw, P. yacht, St. Lawrence river.
Dandy.....		" 13..	46		" tug, Ottawa river.
E. G. Laverdure.....		" 13..	54		" "
Florida.....		" 18..	201		T. screw, frt., Montreal and Pierreville.
Bonenfant.....	25	" 20..	31		Screw, ferry, Bout de l'Isle & Charlemagne.
Chateauguay.....	440	" 27..	222		Paddle, Montreal and Beauharnois.
Pontiac.....		Sept. 3..	15		" tug, Lake Kippewa.
C. E. Read.....		" 4..	13		" " "
F. W. Avery.....		" 4..	14		" " "
Alice.....	40	" 4..	26		Screw " "
R. Hurdman.....	40	" 4..	93		" " "
		1903.			
D. A. Martin.....	40	Dec. 1..	78		" North river.
		1904.			
Otter.....		Sept. 5..	21		Paddle, tug, Lake Kippewa.
North River.....		" 5..	22		" " "
Alexandra.....		" 7..	417		" " Lake Temiscaming.
Mink.....		" 7..	14		" " "
Beaver.....		" 7..	13		" " "
Geisha.....	25	" 10..	20		Screw, New Liskard and Tomstown.
Swan.....	10	" 10..	12		" " "
Ville Marie.....		" 10..	32		" frt., Lake Temiscaming.
Clyde.....	30	" 11..	29		" Lake Temiscaming.
Meteor.....	250	" 11..	299		" " "
Little Roxy.....		" 11..	12		" tug, "
Temiscamingue.....	40	" 12..	295		Paddle "
John.....	40	" 24..	34		Stern wheel, ferry, Carillon & Pt. Fortune.
Surveyor.....	30	" 30..	50		Screw, ferry, Lachine and Caughnawaga.
White Squall.....		Oct. 12..	7		" P. yacht, St. Lawrence river.
Chaffey.....	40	" 12..	42		" Lancaster and Valleyfield.
Jubilee.....	40	" 14..	54		" Lake Temiscaming.
Ruby.....	Yacht	Nov. 3..	11		" Madawaska river.
Rex.....	"	" 5..	13		" St. Lawrence river.
Wild Rose.....	"	" 7..	10		" "
		1905.			
Longueuil.....	300	April 6..	365		Paddle, ferry, Montreal and Longueuil.
Boucherville.....	600	" 6..	4 9		" Montreal and Boucherville.
Victoria.....	300	" 14..	181		Screw, Ottawa and Thurso.
St. Laurent.....	414	" 18..	546		Paddle, Montreal and Berthier.
Charlemagne.....		" 18..	76		Screw, tug, St. Lawrence river.
Florence.....		" 25..	62		" Ottawa river.
G. H. Harris.....		" 25..	87		" tug "
Sir Hector.....		" 25..	40		" " "
Archie Stewart.....		" 25..	80		" " "

SESSIONAL PAPER No. 23

STEAM Vessels Inspected, &c.—Montreal Division—*Continued.*BOILERS AND MACHINERY—*Continued.*

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1905.		\$ cts.	
Scotsman.....	40	April 26..	265	.....	Screw Ottawa and Montreal.
Hall.....	50	" 26..	247	.....	" " " "
Hebron.....		" 26..	149	.....	" " Oswego.
Dandy.....		" 26..	46	.....	" tug, Ottawa river.
Mudpout.....		" 26..	34	.....	" " " "
Rockland.....		" 27..	78	.....	" " " "
Ada.....		" 27..	29	.....	" " " "
Mansfield.....	15	" 27..	169	.....	" ferry, Ottawa and Gatineau Point.
Herbert Larkin.....		" 28..	49	.....	" tug, St. Lawrence river.
Dredge King Edward..		" 28..	100	.....	Dredge, Montreal harbour.
Derrick No. 2.....		" 28..	100	.....	Derrick, " "
Maria.....		" 28..	31	.....	Screw tug, " "
Dredge Pontiac.....		" 28..	221	.....	Dredge, " "
Willie C.....		" 29..	8	.....	Screw tug, St. Lawrence river.
Dredge No. 4.....		" 29..	100	.....	Dredge, " "
Welshman.....	25	May 2..	156	.....	Screw, Montreal and Ottawa.
Ottawan.....	100	" 2..	311	.....	" " " "
Bonito.....	10	" 2..	17	.....	" ferry, Calumet and L'Orignal.
Victoria.....	300	" 2..	188	.....	Paddle, Pembroke and Des Joachim.
D. B. Mulligan.....	40	" 3..	77	.....	Screw ferry, Pembroke & Allumette Isld.
Alex'r Fraser.....		" 3..	320	.....	Paddle tug, Upper Ottawa.
E. H. Bronson.....		" 3..	285	.....	" " " "
Hercules.....		" 4..	21	.....	" " " "
Pembroke.....		" 4..	194	.....	" " " "
C. B. Powell.....		" 4..	272	.....	" " " "
Hamilton.....		" 5..	320	.....	" Chats Lake.
J. L. Murphy.....		" 5..	173	.....	Screw, " "
Sampson.....		" 5..	15	.....	Paddle tug, " "
Ida.....	40	" 6..	247	.....	Screw, Montreal and Ottawa.
Laprairie.....	330	" 7..	600	.....	Paddle, Montreal and Laprairie.
Lyon C.....		" 9..	19	.....	Screw tug, St. Lawrence river.
		1904.			
British Lion.....		Dec. 1..	25	.....	Screw tug, Ottawa river.
		1905.			
Sovereign.....	700	May 13..	637	.....	Paddle, Montreal and Carillon.
Empress.....	800	" 14..	678	.....	" Ottawa and Grenville.
May Flower.....	40	" 14..	59	.....	Stern wheel, Barrys Bay and Palmer.
Pontiac.....	40	" 16..	116	.....	Paddle, Chats lake.
Madawaska.....		" 16..	15	.....	" tug, Chats lake.
Amable du Fond.....		" 16..	17	.....	" " " "
G. B. Greene.....	600	" 17..	255	.....	" Deschene lake.
G. B. Pattee II..		" 17..	51	.....	Screw tug, " "
Albert.....		" 17..	269	.....	Paddle tug, " "
Alva.....		" 18..	27	.....	Screw tug, Rideau canal.
Agnes.....	40	" 18..	29	.....	" Buckingham and High Rock.
Mildred.....	25	" 19..	15	.....	" " " "
Leon.....	15	" 19..	15	.....	" High Rock and N.-D. du Laus.
Duchess of York.....	700	" 20..	490	.....	Paddle, Montreal and Carillon.
Maude.....	200	" 21..	269	.....	" " Ottawa.
May.....		" 21..	21	.....	Screw yacht, St. Lawrence river.
Nora.....		" 23..	28	.....	" tug, " "
Dolphin.....		" 25..	70	.....	" " Ottawa river. [gne.
R. P. Flower.....	25	June 9..	15	.....	" ferry, Bout de l'Isle and Charlema-
Sallabery.....	40	" 10..	222	.....	" Montreal and Valleyfield.
Filgate.....	320	" 10..	425	.....	" " Cornwall.
Van Woodland..	90	" 22..	37	.....	" Lake Nipissing.
Sparrow.....	30	" 22..	38	.....	" " " "
Zephyr.....		" 22..	3	.....	" tug, " "
Booth.....	40	" 22..	347	.....	Paddle, " "

STEAM Vessels Inspected, &c.—Montreal Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1905.		\$ cts.	
Nosbonsing.....		June 22..	25	.....	Screw tug, Lake Nosbonsing.
Queen.....		" 23..	15	.....	" yacht, Lake Nipissing.
Annie Laurie.....		" 23..	3	.....	" " "
Carmita.....		" 23..	9	.....	" " "
Catherine C,	10	" 23..	19	.....	" " "
Empress.....		" 24..	36	.....	" tug, "
Ladas		" 24..	54	.....	" " "
Monarch.....		" 24..	37	.....	Paddle tug, "
Osprey.....		" 24..	6	.....	Screw fishing, tug, "
Fleur de Mai.....	10	" 25..	7	.....	" " "
Shoofly.....		" 25..	10	.....	" " "
Madoc.....		" 25..	8	.....	Paddle " "
Verva.....		" 27..	55	.....	Screw tug, Wanapitae lake.
Mahigama.....	10	" 28..	20	.....	" Pembroke and Fort William.
Tit Willow.....		" 28..	17	.....	" yacht, Upper Ottawa.
Total.....		.....	15464		

WM. LAURIE,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected, &c.—Montreal Division—*Concluded.*BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Kate.....		July 12..	61		Screw tug St. Lawrence river.
Gertie.....		Aug. 4..	21		" Lachine canal.
Windermere.....		" 10..	31		Screw, yacht, rivers.
Grain Elevator No. 17.		" 11..	215		" Grain Elevator, Montreal Harbour.
St. Peter.....	50	Sept. 1..	66		" tug and pass., "
Maggie R. King.....		" 9..	27		" " Soulanges canal.
Quebec.....		" 15..	108		" frt., St. Lawrence river.
		1905.			
Aberdeen.....	150	April 5..	87		" tug and pass., Montreal harbour.
Dredge No. 4.....		" 5..	461		Dipper dredge, " "
Robert Mackay.....	150	" 6..	129		Screw, tug and pass., " "
Dredge No. 1.....		" 6..	100		Dipper dredge, " "
" No. 3.....		" 13..	100		" " " "
Derrick No. 4.....		" 13..	100		Derrick, " "
" No. 3.....		" 13..	100		" " " "
Courier.....	25	" 14..	12		Screw, tug and pass., " "
Derrick No. 6.....		" 14..	100		Derrick, " "
" No. 5.....		" 14..	100		" " " "
St. Louis.....		" 15..	34		Screw, tug, " "
Derrick No. 1.....		" 15..	100		Derrick, " "
Assistance.....		May 2..	100		" " " "
Dredge No. 2.....		" 2..	100		Dipper dredge, " "
Drill Boat.....		" 2..	100		Drill boat, " "
Armenia.....		" 6..	467		Screw, frt., St. Law. riv. and Great lakes.
Pile Driver.....		" 13..	100		Pile driver, Montreal Harbour.
Ta Nit Esq.....		" 18..	5		Screw, tug, St. Lawrence river.
H. Larosée.....		" 23..	13		" " " "
Hector.....		" 23..	21		" " " "
Dauntless.....		June 5..	81		" " St. Law. riv., and Lake Ontario.
Grain Elevator No. 9..		" 9..	172		" Grain elevator, Montreal harbour.
" No. 17.....		" 9..	215		" " " " "
" No. 16.....		" 9..	210		" " " " "
" No. 12.....		" 10..	183		" " " " "
" No. 10.....		" 10..	173		" " " " "
" No. 6.....		" 10..	170		" " " " "
" No. 1.....		" 10..	165		" " " " "
" No. 7.....		" 11..	170		" " " " "
" No. 13.....		" 11..	178		" " " " "
" No. 14.....		" 11..	181		" " " " "
" No. 15.....		" 13..	213		" " " " "
" No. 18.....		" 13..	214		" " " " "
Ida.....		" 15..	26		" tug, Lachine canal.
Honoré.....		" 16..	22		" " Soulanges "
Grain Elevator No. 11.		" 20..	169		" grain elevator, Montreal harbour.
" No. 4.....		" 20..	188		" " " " "
" No. 2.....		" 20..	170		" " " " "
" No. 8.....		" 24..	80		" " " " "
" No. 5.....		" 24..	80		" " " " "
Plover.....		Not issued			" tug, Lachine canal.
Total.....			5,918		

LOUIS ARPIN,
Steamboat Inspector.

STEAM Vessels Inspected in Canada but Registered elsewhere, for the Year ended
June 30, 1904.

MONTREAL DIVISION.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Bratsberg.....	Sept. 1..	1,337	114 96	Screw, freight, sea-going.
Transit.....	Nov. 13..	1,334	111 72	" " "
Total.....	2,671	2 6 68	

WM. LAURIE,
Steamboat Inspector.

LOUIS ARPIN,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels not inspected for the Year ended June 30, 1904.

MONTREAL DIVISION.

Name of Vessel.	Gross Tonnage.	Reigstered. Tonnage.	Remarks.	
			Why not Inspected and Class of Vessel.	
Beatrice B.....	59	43	Screw, pass.	Not in commission.
Marquis of Lorne	20	11	" "	" "
Hudson.....	45	37	Paddle "	" "
Union	75	66	Screw, ferry	" "
Massawippi.....	4	3	" pass.	" "
Valleyfield.....	417	280	T. " "	" "
Richelieu.....	167	87	Paddle "	" "
West Arm.....	27	12	Screw, tug.	" "
St. Michael.....	16	10	Paddle "	" "
Agnes McMahon.....	54	37	Screw "	" "
Antelope.....	83	57	" "	" "
St. George.....	68	29	" "	" "
Ballantyne.....	14	6	Paddle "	" "
Quinze.....	32	26	T. Screw, tug.	" "
H. Trudel.....	13	5	Paddle "	" "
Robert Stoker.....	14	2	Screw "	" "
Jessie.....	19	13	" "	" "
C. W. Denis.....	17	8	" "	" "
Sea Flower.....	7	5	" "	" "
Chummy	5	4	" "	" "
Monaco.....	10	6	" yacht.	" "
John Thompson.....	5	4	" "	" "
Juno.....	17	7	" "	" "
Windermere	31	21	" "	" "
Tiger	4	3	" "	" "
Nama	41	36	" "	" "
Glide.....	80	54	" ferry.	Not yet inspected.
Russell	76	45	" tug.	" "
Aid.....	25	15	S. Wheel, tug.	" "
Nokomis.....	25	17	Screw, yacht.	" "
Coulonge.....	18	12	Paddle, tug.	" "
Dredge Otto.....	100	.....	Dredge.	" "
Leo	2	1	Screw, ferry.	" "
T. Osborne.....	25	18	" tug.	" "
Seaborn.....	30	20	" yacht.	" "
* Total.....	1,645	1,000		

WM. LAURIE,
LOUIS ARPIN,
Steamboat Inspectors.

STEAM Vessels Inspected for the year ended June 30, 1904.

SOREL DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1905.		\$ cts.	
Fire Fly.....	266	May 1..	214·41	.....	Paddle, pass., Sorel and Berthier.
Berthier.....	600	" 1..	933·77	.....	" " Grand Nord & Montreal.
Préfontaine.	40	" 1..	889·37	.....	Screw, pass., Montreal & Quebec.
Chambly.....	600	" 1..	535·49	.....	Paddle " " Chambly.
Trois Rivières.....	1,100	" 1..	1,552·05	.....	" " " S.A.de Beaup.
Terrebonne.....	450	" 1..	635·72	.....	" " " Sorel.
Quebec.....	750	" 15..	3,056	.....	" " " Quebec.
Canada.....	600	" 15..	1,768	.....	" " " "
Saguenay.....	400	" 9..	991·90	.....	" " " Chicoutimi.
Beaupré.....	800	" 25..	2,068·09	.....	" " " S.A.de Beaup.
Victoria.....	30	April 22..	343·33	.....	Screw " " St. Johns, Que
Bohemian.....	350	May 25..	628·26	.....	Paddle " " Prescott, Ont.
Mathilda.....		April 3..	114	.....	Screw, tug, St. Lawrence river.
Alice.....		" 7..	67·17	.....	" " " "
Ethel.....		" 11..	71·94	.....	" " " "
W. C. Francis.		" 18..	37·98	.....	" " Montreal harbour.
Julia.....		" 19..	92·21	.....	Twin screw, tug, St. Lawrence river.
May ex. W. C. Loggie		" 19..	21	.....	Screw, tug, Montreal harbour.
Virginia.....		" 19..	146	.....	" " St. Lawrence river.
Sincennes.....		" 26..	228·42	.....	Paddle " " "
F. Dupré.....		May 3..	114·48	.....	Screw " " "
C. W. Jones.....		" 7..	48	.....	" " attending dredge.
Trenton No. 1.		" 7..	100	.....	Dredge, St. Lawrence river.
St. Louis.....		April 30..		.....	" Richelieu river.
De Lévis.....		" 30..		.....	Twin screw, hydrographic survey.
Jessie Hume.....		" 30..		.....	Screw, govt. steamer attending dredge.
Lac St. Pierre.....		" 30..		.....	Twin screw " " "
James Howden.....		" 30..		.....	" " " hydrographic sur.
Cartier.....		" 30..		.....	" " " attending dredge.
Champlain.....		" 30..		.....	" " " " "
Eureka.....		" 30..		.....	" " " ch. dredge.
Emelia.....		" 30..		.....	" " " dr. & s'vey.
St. Francis.....		" 30..	55	.....	" " tug, attending dredge.
St. Jean d'Iberville.....		" 30..		.....	Govt. screw, tug " " "
Shamrock.....		" 30..	236·73	.....	" " " " "
Rodolphe.....		" 30..	116	.....	Paddle, tug, Montreal & Three Rivers.
Jos. Paul.....		" 26..	20	.....	Screw " " "
Beatrice.....		June 30..	39·62	.....	Paddle, tug, St. Maurice river.
St. Roch.....		" 30..	18	.....	Screw " " "
Montmorency.....		" 30..	18	.....	" " attending dredge.
McNaughton		April 20..	137	.....	" " Montreal and Quebec.
Carmelia.....		June 30..	62·72	.....	" " attending dredge.
Frontenac		April 30..		.....	" " govt. str. attend. dredge.
Daisy.....		May 11..	15	.....	" " " " "
Hudson.....		April 30..	158·18	.....	Paddle " Montreal and Quebec.
Como		June 30..	75·11	.....	" " St. Irénée & Murray bay.
Rival		" 3..	125	.....	" " Montreal and Chambly.
Virginia.....	600	May 15..	1,701·13	.....	" pass. " Chicoutimi.
Spray	25	June 9..	106·56	.....	Screw " " Quebec.
Cultivateur.....	700	May 21..	362·20	.....	Paddle " " St. Helène Isl.
Hamilton	375	June 20..	937·87	.....	" " " Hamilton.
Algerian.....	400	" 20..	914·02	.....	" " Quebec.
Bourgeois.....	40	" 30..	94·34	.....	" " Three Rivers & St. Grég.
Marie Louise	10	" 28..	5·66	.....	Screw " Shawinigan & Alnaville.
Glacial.....	40	" 30..	109	.....	" " Three Rivers & Ste. Angèle.
Samson	40	" 29..	93·55	.....	" " Grandes Piles & La Tuque.
Hosanna.....	40	" 9..	89·41	.....	" " Montreal and Quebec.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected, &c.—Sorel Division—*Concluded.*BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1905.		\$ cts.	
Dream.....	40	June 29..	27·44	.....	Screw, tug Grandes Piles & La Tuque.
St. Maurice.....	40	" 29..	44·72	.....	" " " "
St. Louis.....		July 14..	16·80	.....	" " " "
High Rock.....		" 12..	8	.....	" " " "
Florence.....		" 15..	17·77	.....	" " " "
Luciana.....		Not regis..		.....	" " Lachine canal.
Zephir.....		" ..		.....	" " Montreal & Ste. Geneviève.
Hercule.....		" ..		.....	" " " Quebec.
St. Antoine.....			14·38	.....	" pass., Richelieu river.
Amy.....		July 1..	39·50	.....	" tug, attending dredge.
Dredge No. 5.....		" 1..	100	.....	Dredge, Three Rivers.
Total			20,415·30	.....

ALEXIS RONDEAU,
Steamboat Inspector.

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected in Canada but Registered Elsewhere, for the year ended June 30, 1904.

SOREL DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Carolina.....	600	Nov. 24..	968 70	.....	Paddle, pass., Montreal and Chicoutimi.
		1905.			
Columbian.....	500	June 5..	884 38	.....	Screw " " Toronto.
Total			1,853 08	.....

ALEXIS RONDEAU,
Steamboat Inspector.

STEAM Vessels not Inspected for the year ended June 30, 1904.

SOREL DIVISION.

Name of Vessel.	Gross Tonnage.	Registered Tonnage.	Remarks. Why not Inspected and Class of Vessel.
Iron R	18	12	Screw, pass., new boiler and machinery being put in.
Mary A. Laughlin	23	12	" tug, under repairs.
Dredge No. 4			Dredge "
St. Anne.....	14	10	Screw, tug, no application.
Dredge St. Pierre.....			Dredge "
Maud	54	34	Paddle, tug "
Arthur	78	36	" " "
Plover.....	Not regist'd.		Screw " tied up by government orders.
Blandford.	65 36	26 74	Not yet inspected.
Total	252 36	130 74	

ALEXIS RONDEAU,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STEAM Vessel Inspected for the year ended June 30, 1904.

QUEBEC DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passen- gers. Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Free Paid.	Class of Vessel and where employed.
1904.					
Onteritze.....		July 10..	18		S., tug, Lake St. Joseph.
Arizona.....	10	" 10..	9		S., steam yacht, Lake St. Joseph.
Swallow.....		" 11..	9		S., tug, Lake Edward.
Grace.....	10	" 11..	4		S., steam yacht, Lake Edward.
Kiskissink.....	10	" 13..	3		S., " " " Kiskissink.
Roberval.....	40	" 1..	126		S., Roberval & Peribonca.
Nord.....	20	" 1..	56		S., " " "
Mistassini.....	40	" 1..	249		P., Lake St. John.
Le Colon..	40	" 1..	173		P., " " "
Peribonca.....		" 1..	179		P., tug " "
St. Henri.....		" 1..	101		S., " " "
St. Louis Metabatch- ouan.....		" 1..	30		S., " " "
Alcyon.....	20	" 1..	49		S., Chicoutimi basin.
Marie Louise.....	20	" 1..	92		P., " river.
Forest.....		" 1..	26		S., tug " "
St. Antoine.....		" 1..	14		S., yacht, Chambly river.
Missisquoi.....	260	" 1..	159		S., Montreal and Burlington.
Mersey.....			60		Tug.
Little Emely.....			6		S., tug, Quebec harbour.
Admiral.....	150	Aug. 5..	682		P., River Ouelle and Murray bay.
Lilly H.....		" 6..	19		S., tug, River du Loup.
Bella.....	40	" 7..	43		P., Croix Pt. and Campbellton.
Oak Bay.....		" 7..	27		S., tug, Restigouche river.
Christiana.....		" 7..	57		S., " " "
Nelly H..	10	" 9..	8		S., Peninsula and Gaspé.
Restigouche.....	200	" 9..	945		S., Dalhousie " "
Fearless.....		" 10..	10		S., tug, Pabos river.
Maggie Allard.....		" 14..	6		S., " La Nouvelle.
George U. Smith.....		" 18..	24		S., " Metapedia river.
Queen.....	450	" 24..	367		S., Quebec and Levis.
Pilot.....	450	" 24..	426		S., " " "
Maccannamac.....	10	" 26..	4		S., yacht, Spider lake.
Campania.....		" 26..	23		S., tug, Lake Megantic.
Jubilee.....	30	" 26..	25		S., " " "
L'Amie.....		" 27..	16		S., " " Aylmer.
Hunkidori.....		" 27..	9		S., " " St. Francis.
Dot.....		" 28..	8		S., " " "
Lucia.....		Sept. 1..	41		S., " Montreal harbour.
Arthur.....		July 15..	78		P., " Lake Sorel and Louisville.
Maud.....		Sept. 8..	50		P., " atttending dredge.
Batiscan.....		" 8..	40		P., " Batiscan.
Shearly.....		Aug. 10..	37		S., " Matane river.
Thor.....		Sept. 19..	323		P., " Saguenay river.
Kenogamie.....		" 20..	21		S., " " "
Dama.....	10	" 22..	54		S., " Escoumains and Trois Pistoles.
Margota.....		" 23..	not reg..		S., " Pleasure yacht.
L'Aiglon.....		" 26..	11		S., " Quebec Harbour.
1905.					
Victor.....		May 17..	35		S., tug, " "
Marie Josephine.....	20	Apl. 1..	117		S., Montreal and Gulf.
Savoy.....	100	" 1..	348	27 84	S., " " foreign ports.
Restigouche.....	200	" 1..	945		S., " " St. J. Newfoundland.
Stord.....	25	" 1..	648	51 84	S., " " foreign ports.
King Edward.....	125	" 1..	355		S., " " Gulf.
Campana.....	400	May 1..	1,697		S., " " Pictou.
North.....	450	" 1..	289		P., ferry, Quebec and Lévis.
South.....	450	" 1..	349		P., " " "

STEAM Vessels Inspected for the year ended June 30, 1904.

QUEBEC DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.		Gross Tons.	Tonnage Dues and Inspection Free Paid.	Class of Vessel and where employed.
		1905.				
Alpha.....	20	May	1..	61	.....	S., Quebec and coasting.
Rhoda.....	155	"	1..	182	.....	P., mail tender, Rimouski.
Frontenac....	555	"	1..	304	.....	T. S., Quebec and St. Romuald.
Champion.....	612	"	1..	482	.....	P., Quebec and Berthier.
Contest.....	100	"	1..	231	.....	P., " " Gulf.
Orleans.....	530	"	1..	269	.....	S., " " Orleans island.
Gaspesien.....	43	"	1..	490	.....	S., Montreal and Sydney, C.B.
Douro.....	100	"	1..	432	.....	S., Quebec and Sydney, C.B.
		1904.				
Admiral.....	200	May	1..	681	.....	P., Dalhousie and Gaspé.
		1905.				
Lord Strathcona.....	15	"	1..	495	.....	T.S., Montreal and foreign ports.
Orion.....				846	.....
St. Croix	550	"	7..	506	.....	P., Quebec and St. Croix.
Florence.....		"	9..	133	.....	S., wrecking sch., Gulf.
George W. Smith.....		"	10..	24	.....	S., tug, Lake Metapedia.
Frankie H.....		"	1..	17	.....	S., " Bay des Chaleurs.
Two Brothers.....		"	13..	23	.....	S., " Quebec harbour.
M. E. Hackett.....	40	"	13..	78	.....	S., " " "
Etoile.....	591	"	13..	560	.....	P., Quebec and Montreal.
Victor.....		"	17..	35	.....	S., tug, Quebec Harbour.
Polino.....	20	"	17..	807	.....	S., Montreal and St. Johns, N'dd.
E. B. Eddy.....		"	18..	78	.....	S., tug, St. Lawrence river.
Onteritze.....		June	1..	18	.....	S., " Lake St. Joseph.
Arizona.....	10	"	1..	9	.....	S., yacht, Lake St. "
Grace.....	10	"	4..	4	.....	S., " " Edward.
Swallow.....		"	6..	9	.....	S., tug, " "
Harold.....		"	7..	not reg..	.....	S., " " Kiskissink.
Kiskissink.....		"	7..	3	.....	S., " " "
St. Louis.....	500	"	11..	428	.....	P., Montreal and Quebec.
Diver.....		"	14..	86	.....	S., wrecking sch., Montreal and Gulf.
Jack.....		"	21..	31	.....	S., tug, Montmagny basin.
Pilot.....	450	"	22..	427	.....	S., Quebec and Levis.
Amanda.....		"	27..	11	.....	S., tug, Quebec harbour.
Corinne.....		May	28..	23	.....	S., " " "
Thor.....		"	27..	323	.....	P., " " and Chicoutimi.
Fabiola.....		"	31..	81	.....	S., wrecking schooner.
St. Charles.....		"	25..	23	.....	S., tug, Quebec harbour.
St. Pierre (Dredge).....		Sept.	8..	204	.....	Batiscan river.
Total.....				17,900	79 68	

JOS. SAMSON.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but Registered elsewhere for the year ended
June 30, 1904.

QUEBEC DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessels and where employed.
		1905.			
Savoy	100	April 1..	348	27 84	S., Montreal and foreign ports.
Stord .. .	25	" 1..	648	51 84	S., " " " "
King Edward.....	125	" 1..	355	....	S., " " Gulf.
			1,351	79 68	

JOS. SAMSON.

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected, for the Year ended June 30, 1904.

QUEBEC AND MONTREAL DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Alma.....	40	July 6..	43	.....	Screw, excursion yacht around Sorel.
Samson.....	40	" 4..	93	.....	Twin screw, Grand Piles and La Tuque.
St. Maurice.....	40	" 4..	95	.....	Screw " "
Dream.....	40	" 4..	27	.....	" " "
Como.....	40	" 6..	75	.....	Paddle, Three Rivers and Nicolet.
Glacial.....	40	" 7..	109	.....	Screw " Ste. Angèle.
Bourgeois.....	40	" 7..	94	.....	Paddle " St. Grégoire.
Arizona.....	10	" 10..	9	.....	Screw, on Lake St. Joseph.
Grace.....	10	" 11..	4	.....	" " Edward.
Kiskisink.....	10	" 13..	5	.....	" " Kiskissink.
Mistassini.....	40	" 13..	249	.....	Paddle, Roberval and Grande Decharge.
Roberval.....	40	" 14..	126	.....	" " Peribonca.
Nord.....	20	" 14..	56	.....	Screw " "
Peribonca.....	40	" 15..	113	.....	Paddle, on Lake St. John:
Le Colon.....	40	" 15..	173	.....	" " "
St. Henri.....	Unfit for passengers			.....	Screw " "
Alcyon.....	20	July 17..	42	.....	" Chicoutimi and St. Anne.
Marie Louise.....	20	" 18..	99	.....	Paddle, in Saguenay river.
Florida.....	25	Aug. 12..	201	.....	Twin screw, Montreal and Quebec.
St. Peter.....	150	July 27..	44	.....	Screw, Montreal harbour.
Courier.....	25	" 27..	12	.....	" " "
St. Louis.....	500	" 24..	428	.....	Paddle, Quebec and Montreal.
Advance.....	10	" 28..	1,030	.....	Screw, Duluth "
Hazel E.....	10	" 28..	13	.....	" on Lake Memphremagog.
Lady of the Lake.....	680	" 28..	607	.....	Paddle, Newport and Georgeville.
Massawipi.....	10	" 29..	4	.....	Screw, on Lake Massawipi.
Admiral.....	250	Sept. 25..	682	.....	Paddle, Murray Bay and River Ouelle.
Lillie H.....	Unfit for passengers		19	.....	Screw, River du Loup.
Bella.....	40	Aug. 7..	43	.....	Paddle, Campbellton and Cross Point.
Restigouche.....	314	" 9..	945	.....	Screw, Dalhousie and Gaspé.
Nellie H.....	10	" 9..	8	.....	" in Gaspé Bay.
Jubilee.....	30	" 26..	25	.....	" Megantic wharf and Woburn.
Maccanamac.....	10	" 26..	4	.....	" club house and Spider lake.
D. A. Martin.....	Unfit for passengers		78	.....	" Turtle Portage and Birch lake.
R. Hurdman.....	40	Sept. 4..	93	.....	" on Lake Kippewa.
Alice.....	40	" 4..	26	.....	" " "
Clyde.....	25	" 5..	29	.....	" Temiscaming and N. Temiscaming
Geisha.....	25	" 8..	20	.....	" New Liskeard and Tomstown.
Swan.....	10	" 8..	12	.....	" " White river.
Meteor.....	250	" 4..	299	.....	" Temiscaming and N. Temiscaming
Little Roxy.....	10	" 4..	12	.....	" N. Temiscaming and White river.
Temiscamingue.....	40	" 11..	295	.....	" Temiscaming and N. Temiscaming
Jubilee.....	40	" 5..	54	.....	" " New Liskeard.
Surveyor.....	30	" 14..	50	.....	" Lachine and Caughnawaga.
Missisquoi.....	260	" 15..	160	.....	" Montreal and Burlington.
Dama.....	10	" 21..	55	.....	" Escoumains and Trois Pistoles.
Pilot.....	450	Oct. 12..	427	.....	" ferry, Quebec and Lévis.
Queen.....	450	" 12..	367	.....	" " " "
Polaris.....	450	" 13..	533	.....	" " " "
		1905.			
Marie Josephine.....	20	April 1..	117	.....	" Montreal and Gulf.
Restigouche.....	200	" 1..	945	.....	" " St. John, Nfld.
J. H. Hackett.....	40	May 1..	117	.....	" Quebec and Murray bay.
Alpha.....	20	" 1..	61	.....	" Anticosti and Quebec.
Campana.....	400	" 1..	1,697	.....	Twin screw, Montreal and Pictou.
South.....	450	" 1..	349	.....	Paddle, ferry, Quebec and Lévis.
North.....	450	" 1..	289	.....	" " " "
Rhoda.....	150	" 1..	182	.....	" Quebec and Rimouski.
Fire Fly.....	266	" 1..	214	.....	" Sorel and Berthier.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected, &c.—Quebec and Montreal Division—*Continued.*HULL INSPECTION—*Continued.*

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Préfontaine	40	May 1..	889	.....	Twin screw, Montreal and Quebec.
Terrebonne.....	450	" 1..	636	.....	Paddle, Montreal and Sorel.
Chambly.....	600	" 1..	535	.....	" " Chambly.
Berthier.....	600	" 1..	934	.....	" " Three Rivers.
Victoria.....	30	" 1..	343	.....	Screw, Montreal and St. Johns, Que.
Trois Rivières.....	1,100	" 1..	1,552	.....	Paddle " St. Anne de Beaupré
St. Laurent.....	244	" 1..	546	.....	" " Berthier.
Armenia.....	Freight.	" 1..	467	.....	Screw, St. Lawrence River & great lakes
Lord Strathcona....	15	" 1..	495	.....	Twin screw, Montreal and foreign ports.
Gaspésien.....	40	" 1..	490	.....	Screw, Montreal and Gaspé.
Contest	100	" 1..	274	.....	Paddle, Quebec and Gulf.
Frontenac.....	450	" 2..	304	.....	Twin screw " St. Romuald.
Quebec.. ..	750	" 3..	2,656	.....	Paddle " Montreal.
St. Lawreuce	100	" 3..	432	.....	Screw " Natashquan.
		1904.			
Admiral.....	200	Sept. 25..	682	.....	Paddle, Dalhousie and Gaspé.
Canada.....	600	May 4..	1,768	.....	" Montreal and Quebec.
Champion	541	" 5..	482	.....	" Quebec and Berthier.
Orion .....	.....	Not issued	846	.....	Screw, not in commission.
Virginia.....	600	May 6..	1,701	.....	Paddle, Montreal and Chicoutimi.
St. Croix... ..	550	" 7..	506	.....	" Quebec and St. Croix.
Etoile.....	591	" 7..	560	.....	" " Montreal.
Saguenay	400	" 9..	992	.....	" Montreal and Chicoutimi.
Orleans	530	" 10..	269	.....	Screw, Quebec and Orleans island.
Maude	200	" 13..	269	.....	Paddle, Montreal and Ottawa.
Sorel.....	312	" 13..	158	.....	" " Beauharnois.
Salaberry	40	" 13..	222	.....	Screw " Valleyfield.
Ida.....	40	" 13..	247	.....	" " Ottawa.
Hall.....	50	" 13..	247	.....	" " "
May Flower.....	Regis'r not complete..				
Pontiac	40	May 16..	116	.....	Paddle, on Chats Lake.
G. B. Greene	600	" 17..	255	.....	" Aylmer and Deschenes lake.
Mansfield	15	" 18..	169	.....	Screw, Ottawa and Hull.
Victoria.....	300	" 18..	181	.....	" " Thurso.
Empress.....	800	" 18..	678	.....	Paddle " Grenville.
Agnes.....	40	" 19..	29	.....	Screw, Buckingham and High Rock.
Mildred	25	" 19..	15	.....	" not in commission.
Léon.....	15	" 19..	15	.....	" High Rock & Notre Dame du Laus
Leo	20	" 20..	2	.....	" Hawkesbury and Grenville.
Bonenfant.....	10	" 20..	22	.....	" Calumet and L'Orignal.
Bonito.....	10	" 20..	17	.....	" " "
Glide	40	" 20..	80	.....	" " Hawkesbury.
Laprairie.....	330	" 21..	600	.....	Paddle, Montreal and Laprairie.
Cultivateur.....	700	" 21..	362	.....	" " St. Helen's island
Duchess of York	700	" 21..	490	.....	" " Carillon.
Châteauguay.....	440	" 21..	222	.....	" " Beauharnois.
Sovereign.....	700	" 23..	636	.....	" " Carillon.
John	40	" 23..	34	.....	" Carillon and Point Fortune.
Garnet	150	" 23..	152	.....	" Montreal and Cornwall,
Longueuil	300	" 24..	379	.....	" " Longueuil.
Boucherville.....	600	" 24..	419	.....	" " Boucherville.
Robert McKay.....	150	" 24..	129	.....	Screw " harbour.
St. Peter	60	" 24..	44	.....	" " "
Courier.....	25	" 24..	12	.....	" " "
Aberdeen.....	150	" 24..	87	.....	" " "
Beaupré.....	800	" 25..	2,068	Paddle " and Quebec.
Welshman.....	25	" 25..	156	Screw " and Ottawa.

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STEAM Vessels Inspected, &c.—Quebec and Montreal Division—*Concluded.*HULL INSPECTION—*Concluded.*

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Bohemian.....	350	May 25..	1,107	.....	Paddle, Montreal and Prescott.
Ottawan.....	100	" 25..	311	.....	Screw " and Ottawa.
Chaffey.....	40	" 26..	42	.....	" Valleyfield and Lancaster.
Filgate.....	320	" 26..	425	.....	Paddle, Montreal and Cornwall.
Scotsman.....	40	" 26..	265	.....	Screw " Ottawa.
Belle.....	40	June 1..	82	.....	" Quebec harbour.
Polino.....	20	" 8..	807	.....	" Montreal and St. Johns, Nfld.
Spray.....	25	" 9..	107	.....	" " Quebec.
Hosanna.....	40	" 9..	189	.....	Not in commission.
M. E. Hacket.....	40	" 10..	78	.....	Screw, Quebec harbour.
St. Louis.....	500	" 10..	428	.....	Paddle " and Montreal.
Spray.....	15	" 18..	21	.....	Screw " harbour.
Florida.....	40	" 20..	201	.....	Twin screw, Quebec and Montreal.
Hamilton.....	375	" 20..	938	.....	Paddle, Montreal and Toronto.
Algerian.....	400	" 6..	914	.....	" Quebec and Hamilton.
Booth.....	40	" 22..	347	.....	" on Lake Nipissing,
Sparrow.....	30	" 22..	38	.....	Screw, Nipissing Lake and tributaries.
Van Woodland.....	90	" 22..	37	.....	" " "
Queen.....	Unfit	for passengers	15	.....	" " "
Carmita....	10	June 23..	9	.....	" on Lake Nipissing.
Catherine C.....	10	" 24.	19	.....	" Sturgeon Falls and river.
Ladas.....	Unfit	for passengers	54	.....	"
Empress.....	"	"	36	.....	"
Fleur de Mai.....	10	June 24..	7	.....	" " "
Dorothy.....	Unfit	for passengers	10	.....	"
Verva.....	40	June 25..	55	.....	" Wahnapiatae lake.
Victoria.....	400	" 27..	188	.....	Paddle, Pembroke and Les Joichairs.
Mahigama.....	10	" 27..	20	.....	Screw " Fort William.
D. B. Mulligan.....	40	" 27..	77	.....	" " Calumet island.
Marie Louise.....	10	" 28..	6	.....	" Chamenigan and Almaville.
Samson.....	40	" 29..	94	.....	Twin screw, Grandes Piles and La Tuque
Dream.....	40	" 29..	28	.....	" " "
Se. Maurice.....	40	" 29..	45	.....	" " "
Bourgeois.....	40	" 30..	94	.....	Paddle, Three Rivers and St. Grégoire.
Glacial.....	40	" 30..	109	.....	Screw " St. Angel.

PHILIPPE DUCLOS,
Hull Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but Registered elsewhere, for the Year ended June 30, 1904.

QUEBEC AND MONTREAL DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Savoy	100	April 1..	348	27 84	Screw, Montreal and foreign ports.
King Edward.....	125	May 1..	355	.....	" " "
Stord	25	April 1..	648	51 84	" " "
Columbian	500	June 9..	884	.....	" " Toronto.
Carolina.....	600	" 9..	969	.....	Paddle " Chicoutimi.
Saphir.....	Freight.	July 1.	1,379	110 32	Screw " foreign ports.

PHILIPPE DUCLOS,
Hull Inspector.

STEAM Vessels Inspected for the year ended June 30, 1904.

NOVA SCOTIA DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
1904.				
Avon.....	100	May 14..	64.66	Screw, passenger, Avon river.
Parrsboro.....		" 14..	56.55	" tug, Minas basin.
Glencoe.....	40	June 7..	32.21	" pass., Annapolis basin.
Marina.....	75	" 6..	32.46	" " " "
Centreville.....		" 6..	59.71	" tug, coasting.
Alexandra.....		" 28..	33.67	" yacht, Halifax harbour.
Olive.....	40	July 24..	35.49	" pass., " "
Highland Mary.....		" 25..	73.73	" lighter, " "
Robbie Burns.....		" 25..	88.95	" " " "
Iona.....	23	" 28..	54.27	" pass., Sydney and Bras d'Or.
Hygeia.....	190	" 28..	57.69	" " Sydney Harbour.
Marion.....	400	" 28..	478.49	Paddle, " Sydney and Bras d'Or.
Alameda.....	40	" 29..	62.59	Screw, pass., Ulira river.
Marietta.....		" 29..	7.04	" tug, " "
Vesta.....		" 29..	9.21	" " " "
Eleanor M. Cates.....	40	" 30..	58.81	" pass., Louisburg and Sydney.
Vega.....	90	" 31..	132.22	" " Mulgrave and Sydney.
Malcolm Cann.....	100	" 31..	211.81	" " coasting.
Shannon.....		" 31..	75.11	" tug, " "
Help.....		Aug. 4..	146.14	" freight, " "
Ulala.....		" 7..	13.70	" yacht, " "
Commodore.....	30	July 8..	12.84	" pass., Halifax harbour.
Oneita.....		Aug. 10..	14.96	" fishing, coasting.
Strathcona.....	100	" 11..	284.09	" pass., " "
Markland.....	50	" 24..	21.92	" " Weymouth and Sandy cove.
Westport.....	125	" 25..	140.01	" " coasting.
Juno.....	40	" 25..	9.29	" " Yarmouth harbour.
Tourist.....	30	" 25..	4.42	" " " "
Boston.....	550	" 25..	1,694.50	" " foreign.
Yuba.....	25	" 19..	12.04	" " Barrington harbour.
Liberty.....		" 29..	96.21	" freight, coasting.
Bessie and Harry.....		" 15..	22.49	" water boat, Halifax harbour.
Collector.....		Sept. 2..	52.02	" lighter, " "
Susie.....		May 14..	26.83	" tug, coasting.
Clare.....		Sept. 9..	88.02	" freight, " "
L. Boyer.....		July 4..	60.00	" tug, " "
Henry Hover.....		Sept. 2..	54.64	" " " "
Anticosti.....		" 3..	19.00	" fishing, " "
Salvor.....		" 17..	44.93	" lighter, Halifax harbour.
Havana.....		" 18..	470.98	" freight, coasting.
Wasis.....		" 21..	480.47	" " " "
Star.....	15	July 18..	6.07	" pass., Wallace harbour.
Lunenburg.....	200	Sept. 22..	265.55	" " coasting.
Yarmouth.....	450	Dec. 18..	1,451.92	" " foreign.
Ralph E. S.....		Oct. 10..	27.82	" fishing, coasting.
Gambinus.....		April 1..	28.36	" lighter, Halifax harbour.
Annie.....		Oct. 21..	42.12	" water boat, " "
Bridgewater.....	225	" 22..	207.80	" pass., coasting.
Wilfrid C.....	60	" 28..	99.26	" " " "
Halifax.....	240	Dec. 8..	338.42	Paddle, " Halifax harbour.
Aid.....		July 17..	98.55	Screw, freight, coasting.
Water Witch.....		Dec. 30..	90.38	" water boat, Halifax harbour.
La Have.....		Nov. 13..	49.27	" tug, coasting.
1905.				
Coastguard.....		Feb. 2..	72.23	" freight, coasting.
Harbinger.....		" 4..	108.56	" " " "
Messenger.....		" 4..	111.53	" " " "
Harlaw.....	60	Mar. 16..	451.36	" pass., " "
Louisburg.....		April 17..	1,815.60	" freight, foreign.
Pekin.....		Mar. 28..	84.91	" " coasting.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected, &c.—Nova Scotia Division—*Continued.*BOILERS AND MACHINERY—*Continued.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1905.		
Florence C.....		Mar. 28..	38·98	Screw, fishing, coasting
Victor.....		" 29..	26·86	" " "
J. L. Nelson.....	20	" 29..	37·84	" pass., "
Cacouna.....		" 31..	1,450·78	" freight, foreign.
Bonavista.....	50	April 4..	1,303·33	" pass., "
Olive.....	40	" 4..	35·49	" " Halifax harbour.
Anita.....		" 4..	26·50	" freight, coasting.
Loretta.....	10	" 6..	12·02	" pass., Halifax harbour.
Yankee.....		" 6..	7·31	" fishing, coasting.
La Tour.....	60	" 7..	154·43	" pass., "
Wanda.....		" 7..	38·48	" tug, "
Edna R.....		" 7..	49·66	" " "
Gertrude M.....	35	" 7..	47·58	" pass., "
Mabel K.....		" 1..	15·20	" fishing, "
Pioneer.....		" 16..	15·27	" " "
Halifax.....	500	" 20..	1,878·88	" pass., foreign.
Dartmouth.....	435	" 19..	311·23	Paddle, " Halifax harbour.
Helen May Butler.....		" 19..	66·98	Screw, freight, coasting.
Lunenburg.....	200	" 20..	265·55	" pass., "
A. C. Whitney.....		" 21..	62·67	" tug, "
City of Ghent.....	60	" 17..	198·64	" pass., "
Douglas H. Thomas.....	18	" 26..	211·91	" " "
Mary Jane.....		" 26..	25·86	" fishing, "
Goliah.....	17	" 29..	146·83	" pass., "
Acadia.....	172	" 29..	74·21	" " "
Amphitrite.....		" 30..	149·45	" freight, "
Marion.....	40	May 2..	10·30	" pass., Pictou harbour.
Arcadia.....	35	" 3..	61·64	" " coasting.
May Queen.....	25	" 3..	35·92	" " Pictou harbour.
Arbutus.....	40	" 3..	46·76	" " Minor waters, P.E.I.
W. M. Weatherspoon.....		" 3..	59·29	" tug, coasting.
F. W. Roebling.....	35	" 4..	161·98	" pass., "
Elsie.....		April 10..	22·14	" tug, "
Granville.....	200	" 12..	133·74	" pass., "
Percy Cann.....	140	" 11..	80·06	" " "
Dolphin.....		" 12..	8·07	" fishing, "
Nereid.....		" 13..	12·24	" " "
Coban.....	20	" 17..	1,063·30	" pass., foreign.
Cape Breton.....		May 24..	1,764·19	" freight, "
Fairy.....		" 25..	16·06	" water boat, Sydney harbour.
Hygeia.....	190	" 25..	57·69	" pass., " "
Marion.....	400	" 25..	478·49	Paddle, pass., Sydney and Mulgrave.
Nelson.....	100	" 25..	64·34	Screw, " " harbour.
Iona.....	23	" 25..	54·27	" " " and Bras d'Or.
Weymouth.....	100	" 24..	153·93	" " " and Coastwise.
Peerless.....	300	" 25..	94·27	" " " harbour.
Sea Bird.....		" 26..	41·28	" freight, coastwise.
Gladiator.....		" 26..	70·40	" tug, "
Pawnee.....	450	" 25..	106·80	" pass., Sydney and Bras d'Or.
Zaidee.....		" 26..	18·63	" water boat, Sydney harbour.
Volunda.....		" 26..	29·80	" yacht, Sydney harbour.
Blue Hill.....	140	" 27..	195·83	" pass., Bras d'Or Lakes.
John L. Cann.....	125	" 27..	165·55	" " Mulgrave and coastwise.
Fred L. M. Paint.....	80	" 27..	88·18	" " Straits of Canso.
Mikado.....	17	" 12..	43·94	" " Halifax harbour.
Boston.....	550	June 6..	1,694·50	" " foreign.
Yuba.....	25	" 8..	12·04	" " Barrington harbour.
Carrie.....	40	" 8..	14·83	" " " "
Tourist.....	35	" 9..	4·42	" " Shelburne "
Dawson.....		" 9..	37·25	" fishing, coastwise.
Trusty.....	150	" 11..	57·60	" pass., Bridgewater and shore.
Mascotte.....	40	" 11..	35·40	" " Lunenburg and south.
Maggie.....	40	" 11..	19·26	" " Chester and Mahoné.

STEAM Vessels Inspected, &c.—Nova Scotia Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1905.		
Chester.....		" 14..	79·50	Screw, tug, coastwise.
Parrsboro.....		" 14..	56·55	" " "
Avon ..	100	" 14..	64·66	" pass., Avon river.
Evangeline.....	150	" 14..	69·18	" " Windsor and Bay of Fundy.
Falmouth.....		" 14..	43·03	" tug, Avon river.
Millie K.....		" 14..	19·85	" " "
Glencoe.....	40	" 15..	32·21	" pass., Annapolis river.
Marina.....	75	" 15..	32·46	" " " basin.
Centreville.....		" 16..	59·71	" freight, coastwise.
Ida Lue.....	68	" 16..	44·51	" pass., Weymouth and Sandy cove.
Alice Maud.....		" 16..	44·84	" tug, coastwise.
Markland.....	40	" 17..	21·92	" pass., Yarmouth harbour.
Island Gem.....	40	" 17..	15·62	" " " "
Pastime.....	175	" 20..	67·71	" " Halifax harbour.
Richard.....		May 5..	465·60	" freight, coastwise.
Total.....			25,527·56	

J. P. ESDAILE,
Steamboat Inspector, Halifax, N.S.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but registered elsewhere, for the Year ended
June 30, 1904.

NOVA SCOTIA DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and In- spection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Dalholme.....	70	July 23..	2,469·74	205 60	Screw, passenger, foreign.
Rosalind.....	150	June 23..	2,567·70	213 44	" " "
Chebucto.....	400	July 25..	578·48	54 24	" " ferry.
Orinoco.....	140	Aug. 8..	2,486·49	206 88	" " foreign.
Prince Edward.....	600	Oct. 2..	1,413·74	121 12	" " "
Beta.....	75	Sept. 10..	1,086·67	94 96	" " "
Pro Patria.....	60	Aug. 14..	759·01	68 72	" " "
Ocanio.....	75	" 22..	1,826·54	154 16	" " "
Oruro.....	150	Sept. 15..	1,919·07	161 52	" " "
		1905.			
Britannic.....		Mar. 1..	2,302·45	184 16	" freight, "
Amelia.....	230	April 6..	356·58	28 56	" pass., "
Chebucto.....	400	May 9..	578·48	46 24	" " ferry.
Prince George.....	600	" 12..	2,040·14	163 20	" " foreign.
Prince Arthur.....	600	" 12..	2,041·44	163 28	" " "
Prince Rupert.....	850	" 12..	1,158·44	92 64	Paddle, " coasting.
Silvia.....	136	April 21..	1,707·70	136 64	Screw, " foreign.
Bruce.....	300	May 24..	1,154·59	92 40	" " "
Alert.....		" 24..	105·39	8 40	" freight, coasting,
C. M. Winch.....		" 25..	87·72	7 04	" tug, "
Viking.....	100	June 1..	435·87	34 88	" pass., foreign.
Olivette.....	450	" 13..	1,678·17	134 24	" " "
Rosalind.....	150	" 18..	2,567·70	205 44	" " "
Total.....			29,322·11	2,577 76	

J. P. ESDAILE,
Steamboat Inspector, Halifax, N.S.

STEAM Vessels not Inspected for the Year ended June 30, 1904.

NOVA SCOTIA DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Gross Tonnage.	Registered Tonnage.	REMARKS.
			Why not Inspected and Class of Vessel.
Gem.....	4·69	2·12	Laid up, fishing boat.
Jessie Grey.....	76·01	47·93	" lighter.
Victor.....	9·62	6·41	" tug.
Dolphin.....	12·78	8·69	" "
Lenore.....	15·23	5·43	" fishing.
J. B. Hamblin.....	31·71	21·56	" tug and passenger.
Rescue.....	124·09	84·92	" wrecking tug.
Flash.....	7·79	5·30	Not yet inspected, passenger.
Diamond.....	22·65	15·41	Laid up, tug.
Merrimac.....	85·80	26·13	Not yet inspected, tug and passenger.
Vulcan.....	18·40	12·52	Laid up repairing boiler, tug.
Meadow Flower.....	6·56	4·46	" " water boat.
Gipsy.....	16·70	11·37	" " tug.
Bruce.....	55·70	37·88	" lighter.
Albatros.....	31·38	18·25	" yacht.
Freddie V.....	26·69	12·54	" new boiler, tug.
Petrel.....	6·36	4·31	" passenger.
Alida.....	64·18	29·52	" tug.
St. Michael.....	39·20	26·66	" " new boiler.
Lady Glover.....	137·51	93·51	" freight and passenger.
Albion.....	9·14	6·22	Not yet inspected, tug.
Total.....	802·19	481·14	

J. P. ESDAILE,
Steamboat Inspector, Halifax, N.S.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected for the year ended June 30, 1904.

NOVA SCOTIA DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessels and where employed.
1904.				
Avon	100	May 11..	64·66	Screw, pass., Avon River and Parrsboro'.
Glencoe	40	June 6..	32·21	" " Annapolis and Granville ferry.
Marina	75	" 6..	32·46	" " Digby Basin and Annapolis river.
Olive	40	July 25..	35·49	" " Bedford and Chebucto Head.
Iona	23	" 28..	54·27	Tug " Sydney Harb. and Grand lake, C. B.
Marion	400	" 28..	478·49	" " paddle, Sydney and Mulgrave.
Hygeia	190	" 28..	57·69	Screw, ferry, Sydney and N. Sydney.
Alameda	40	" 29..	42·86	" excursion, Mira River.
Eleanor M. Cates....	27	" 30..	58·81	" tug, pass., Louisburg and coast.
Vega	90	" 30..	132·22	" pass., frt., Strait of Canso and C. B. lakes.
Malcolm Cann	100	" 31..	211·81	" " " Yarmouth and coast.
Commodore	30	Aug. 11..	12·84	" " " McNab's Island and Bedford.
Strathcona	100	" 11..	284·09	" " " Halifax coast.
Yuba	25	" 19..	12·04	" " " Barrington passage.
Juno	40	" 21..	9·29	" ferry, Yarmouth and Bay View.
Westport III.	125	" 26..	140·01	" pass., freight, Yarmouth and coast.
Havana .....	.....	Sept. 21..	470·98	" freight, Canadian and foreign.
Star	15	" 23..	6·07	" ferry, Wallace and West Wallace.
Lunenburg	200	" 24..	265·55	" pass., freight, Halifax and coast.
Wasis .....	.....	" 26..	480·47	" freight, Canadian and foreign.
Bridgewater	225	Oct. 27..	207·78	" pass., freight, Halifax and coast.
Wilfred C.	60	" 28..	99·26	" " Halifax and coast.
Boston	550	June 23..	1,694·50	" " tug, Yarmouth and foreign.
Goliah	17	Nov. 11..	146·83	" " " Halifax and coast.
Halifax	250	Dec. 8..	338·42	Paddle, ferry, Halifax harbour.
Yarmouth	450	" 24..	1,451·92	Screw, pass., freight, Canadian and foreign.
Mulgrave	275	" 30..	484·81	" " Strait of Canso.
1905.				
Gertrude M.	35	April 7..	47·58	" " freight, Yarmouth coast.
La Tour	60	" 7..	154·43	" " " "
Cacouna .....	.....	Mar. 31..	1,450·78	" freight, Canadian and foreign.
Olive	40	April 4..	35·49	" pass., Bedford and Chebucto Head.
1904.				
A. C. Whitney	100	July 11..	62·67	" " Halifax harbour.
1905.				
Bonavista	50	April 4..	1,306·33	" " freight, Canadian and foreign.
Halifax	500	" 18..	1,874·84	" " " "
Dartmouth	435	" 19..	311·23	Ferry, paddle, Halifax harbour.
J. L. Nelson	20	Mar. 29..	37·84	Screw, pass., freight, Halifax and coast.
Harlaw	60	" 16..	451·36	" " " "
Lunenburg	175	April 20..	205·55	" " " "
Douglas H. Thomas.	18	" 26..	211·91	" " tug " "
City of Ghent	60	" 17..	198·64	" " " "
Goliah	17	" 30..	146·83	" " " "
Arcadia	37	May 3..	61·64	" " Pictou and coast.
Marion	37	" 3..	10·30	" ferry " harbour.
May Queen	25	" 3..	35·92	" tug, pass., Pictou harbour.
Arbutus	40	" 3..	46·76	" pass., minor waters of Nova Scotia.
F. W. Robling	35	" 5..	161·97	" " tug, Halifax and coast.
Loretta	10	" 6..	12·02	" " Halifax Harbour and adjacent ports.
Percy Cann	140	" 11..	80·06	" " Yarmouth and coast.
Granville	200	" 13..	133·74	" " frt., Bridgetown & coast B. of Fundy.
Coban	20	April 17..	1,063·30	" " " Canadian and foreign.
Cape Breton .....	.....	May 25..	1,764·19	" freight " "
Nelson	70	" 25..	64·34	" " pass., B. d'Or lakes & St. of Canso.
Marion	400	" 25..	478·49	Paddle, tug, pass., Sydney and Mulgrave.
Hygeia	190	" 25..	57·69	Screw, ferry, Sydney and North Sydney.
Iona	23	" 25..	54·27	Tug, pass., Sydney Harbour & Grand lakes, C. B.

STEAM Vessels Inspected, &c.—Nova Scotia Division—*Concluded.*

HULL INSPECTION—*Concluded.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessels and where employed.
1904.				
Weymouth	100	May 26..	153·93	Screw, pass., freight, Sydney and coast.
Pawnee.....	450	" 26..	106·80	" " " " Bras d'Or lakes.
Peerless.....	300	" 26..	94·27	" " " " harbour.
Blue Hill.....	140	" 27..	195·85	" " " " Grand lakes.
John L. Cann.....	125	" 28..	165·55	" " " " Mulgrave and coast.
Fred. L. M. Paint..	80	" 28..	88·15	" " " " Pt. Hawkesb'y & St. of Canso.
Louisburg		April 17..	1,815·60	" freight, Canadian and foreign.
Mikado.....	17	May 12..	43·94	" " pass., Woodside and Richmond.
Messenger.....	160	Feb. 4..	126·73	" excursion, tug, Yarmouth.
Boston	550	June 6..	1,694·50	" pass., freight, Yarmouth and foreign.
1904.				
Yuba.	25	Sept. 8..	12·04	" " " " Barrington passage.
Carrie.....	40	" 8..	14·83	" " " " Chester and Mahone bay.
1905.				
Tourist.....	35	June 9..	4·42	" " " " Yarmouth harbour.
Trusty	150	" 11..	57·60	" " " " Bridgewater and shore ports.
Maggie	40	" 11..	19·26	" " " " tug, Lunenburg and south shore.
Mascott	40	" 11..	35·40	" " " " Lunenburg and shore ports.
Avon	100	" 14..	64·66	" " " " Avon River and Parrsboro'.
Evangeline.....	150	" 14..	69·18	" excursion and freight, Avon river.
Glencoe	40	" 15..	32·21	" pass., Annapolis and Granville ferry.
Marina.....	75	" 15..	32·46	" " " " Digby Basin and Annapolis river.
Ida Lue	68	" 16..	44·51	" " " " tug, Weymouth and coast.
Markland	40	" 16..	21·92	" " " " freight, St. Mary's bay.
Island Gem.....	40	" 16..	15·62	" " " " Yarmouth Harbour.
Juno	40	" 17..	9·29	" excursion, Yarmouth and Bay View.
Pastime	175	" 29..	67·71	" " " " Halifax harbour.
Richard		" 30..	465·60	" freight, Halifax and coast.

S. R. HILL,
Inspector of Hulls and Equipment.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada, but Registered elsewhere, for the year ended June 30, 1904.

NOVA SCOTIA DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessels and where employed.
		1904.		\$ cts.	
Chebucto.....	400	July 25..	578·68	54 24	Twin screw, ferry, Halifax & Dartmouth.
Orinoco.....	144	Aug. 6..	2,486·49	206 88	Screw, pass., frt., Canadian and foreign.
Pro Patria.	60	" 14..	759·01	68 72	" " " "
Ocamo	75	" 17..	1,826·54	154 16	" " " "
Prince Edward.....	400	" 24..	1,113·74	121 12	" " " "
Dahome	70	Sept. 4..	2,469·74	205 60	" " " "
Beta.....	75	" 10..	1,086·67	94 96	" " " "
Oruro	150	" 17..	1,919·07	161 52	" " " "
		1905.			
Amelia.....	230	April 6..	356·54	28 56	" " " Halifax and coast.
Sylvia.....	136	" 21..	1,707·70	136 74	" " " Canadian and foreign.
Chebucto....	400	May 9..	578·48	46 24	Twin screw, ferry, Halifax & Dartmouth.
Prince Arthur.....	600	" 12..	2,041·14	163 28	Screw, pass., frt., Canadian and foreign.
Prince George.....	600	" 12..	2,040·14	163 20	" " " "
Prince Rupert....	850	" 12..	1,158·44	92 64	" " " Yarmouth and coast.
Bruce.....	300	" 24..	1,154 69	91 40	" " " Canadian and foreign.
Viking....	100	June 1..	435·87	34 88	" " " "
Olivette.....	450	" 13..	1,678·19	134 24	" " " "
Rosalind.....	150	" 18..	2,567·70	205 44	" " " "

S. R. HILL,
Inspector of Hulls and Equipment.

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected for the year ended June 30, 1904.
 NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.
 BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.			
Edith		July 2..	21.55		Screw, Miramichi river.
Arthur		" 2..	4.99		" yacht, Miramichi river.
Mascott		" 2..	70.50		" tug, " "
Premier		" 2..	8.70		" " " "
Sarscella		" 2..	21.86		" " " "
Wm. M.		" 2..	29.11		" " " "
Alexandra	397	" 2..	200.72		" pass. " "
Bridgetown		" 2..	14.66		" tug, " "
Eva		" 2..	18.01		" " " "
Mary Odell	70	" 2..	28.92		" " and pass. " "
St. Isidore		" 2..	141.75		Paddle tug, " "
St. Andrew		" 2..	76.64		Screw, " " "
St. George	200	" 3..	277.78		Paddle, " and pass. " "
Sybella H.	40	" 3..	70.68		" ferry Chatham to Moorfield.
Miramichi	200	" 3..	75.18		Screw, pass., Miramichi river.
St. Kilda		" 3..	55.64		Paddle, " " "
Wenonah		" 3..	9.02		Screw, yacht, " "
Lady Dufferin	40	" 4..	47.48		Paddle, ferry, NewcastleChathamhead.
Rustler	200	" 4..	101.54		" tug and pass., Miramichi riv.
St. Nicholas	100	" 4..	62.20		Screw, tug and pass., Miramichi riv.
Laura		" 4..	13.55		" " Miramichi river.
Irene		" 4..	10.29		" " " "
David Ritchie		" 4..	25.27		" " " "
Jubilee		" 4..	16.52		" " " "
Loyalist		" 4..	17.57		Paddle, " " "
Zulu		" 4..	17.60		" " " "
Bessie		" 4..	5.18		Screw, fish boat, Mir. riv. and bay.
Victor		" 6..	45.51		Paddle, tug, Restigouche river.
Squirrel		" 6..	13.11		Screw, " " "
Florence	25	" 6..	19.33		" pass. " "
Atlas		" 6..	15.79		" tug " "
Ouangondy	383	Aug. 5..	294.75		Paddle, ferry, St. John harbour.
Borrioboola Gha		July 6..	95.77		" tug, Restigouche river.
Nyanza	100	" 7..	83.21		Screw, tug and pass., Bathurst har.
St. Lawrence		" 7..	50.82		" " coasting.
Kathleen		Aug. 14..	6.01		" yacht, St. John river.
Flushing	212	" 13..	177.65		" tug and pass., St. John river.
Beatrice E. Waring	600	" 14..	592.59		Stern wheel, St. John riv. and trib.
Viking	150	" 17..	127.70		Screw, pass., St. Croix riv. and bay.
Bessie Ardella		" 17..	17.42		" tug and fish boat, coasting.
Mildred		Aug. 21..	40.11		" " St. John riv. and har.
Scionda		June 20..	77.60		" yacht, " " " coasting.
Marguerite		not issued.	19.66		" pass., " "
Lord Roberts		Aug. 22..	55.98		" tug, " "
Waring		" 22..	28.74		" " " "
Dingo	40	Sept. 4..	70.13		" " & pass., St. John riv. & bay.
E. Ross	40	" 21..	29.63		" ferry St. John to Lancaster,
Aurora	200	Oct. 2..	364.24		" pass. " and Grand Manan.
Springhill	106	Sept. 22..	189.05		" tug and pass., coasting.
Kingsville		Oct. 20..	36.59		" " St. John river and bay.
Amanda Green		" 20..	19.63		" " " " " "
Aberdeen	393	" 21..	243.86		Stern wheel, " " " Lancas.
Western Extension	427	" 22..	424.89		Paddle, ferry " " " Lancas.
Westport	32	Nov. 19..	80.09		Screw, pass., coasting.
Senlac	300	Sept. 8..	1,010.74		" " " "
		1905.			
Maggie M.		Feb. 25..	65.78		" tug, St. John river and bay.
Leader		Mar. 23..	29.32		" " " " "
Hercules		" 19..	87.11		" " " " "
Wm. H. Murray		" 14..	74.89		" " " " "
Captain		" 15..	68.43		" " " " "

SESSIONAL PAPER No. 23

STEAM Vessels Inspected for the year ended June 30, 1904—*Continued.*NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION—*Continued*BOILERS AND MACHINERY—*Continued.*

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class or Vessel and where employed.
		1904.			
Springfield.....	254	Mar. 23..	232.73	.....	Stern wheel, pass. St. John river.
May Queen	420	April 2..	539.40	.....	Paddle, pass. " "
Majestic.....	400	" 2..	274.63	.....	Screw, pass, " "
Nereid		" 6..	30.03	.....	" tug, " "
Joseph		" 18..	53.75	.....	" " " "
Sea King		" 8..	128.63	.....	" " " "
Serena E.	40	Mar. 31..	24.94	.....	" " and pass., " "
Admiral.....		April 7..	158.20	.....	Paddle, tug, " "
S. K. King.....		" 13..	45.48	.....	Screw, tug, " "
Beatrice E. Waring...	600	" 11..	592.59	.....	Stern wheel, pass. " "
Princess.....	350	Mar. 28..	541.79	.....	Screw, pass., P.E.I., N.B. and N.S.
Northumberland.....	350	" 28..	1,255.46	.....	T. " " " "
City of London	250	" 28..	515.77	.....	" " Charlottetown & coasting
Winnie.....		April 2..	12.46	.....	" tug, St. John river.
Bismark.....		" 13..	49.04	.....	Paddle tug. " "
Hope		" 19..	305.77	.....	" " " "
Crystal Stream.....	293	" 6..	482.05	.....	" pass. " "
Lilly Glasier.....		" 7..	209.31	.....	" tug, " "
Hero.		" 7..	127.63	.....	" " " "
Helen Glasier.....		" 7..	12.00	.....	Screw, tug., " "
Fred Glasier.....		" 6..	10.39	.....	" " " "
Champion		" 8..	190.14	.....	Paddle, " " "
Quiddy.....		" 8..	30.59	.....	" " " "
Clayton		" 13..	42.62	.....	Screw, " " "
Victoria.....	885	" 18..	1,001.93	.....	Paddle, pass. " "
Wee Laddie.....		" 19..	16.60	.....	Screw, tug, " "
Martello.....		" 18..	33.65	.....	" " " "
Fannie.....		" 18..	33.44	.....	" " " "
Maggie Miller....	146	" 22..	104.66	.....	Paddle, ferry, Millidgeville to Milkish
Clifton.....	200	" 20..	138.21	.....	Stern wheel, pass. St. John river.
Clymene.....		" 30..	10.39	.....	Screw, yacht, " "
Bessie Ardella.....	40	May 2..	17.42	.....	" pass., Eastport to St. Stephen.
T. A. Stewart		" 7..	35.94	.....	" tug, St. Peters bay, P.E.I.
Electra.....	40	" 9..	106.96	.....	" pas., Mont'gu, Pictou & Ch'tn.
Montague	75	" 9..	129.55	.....	Paddle, ferry, Georgetown to Mont'gu
Elfin.....	70	" 10..	122.42	.....	" " Charlottetown har.
Wm. Aitken.....	25	" 10..	74.87	.....	Screw, tug, pass., coasting.
Fred M. Batt.....	30	" 10..	59.90	.....	" " " "
W. F. McRae.....		" 11..	45.73	.....	" " Charlottetown & coasting
R. R. Call.....		" 13..	23.16	.....	Paddle, ferry, Miramichi river.
St. Isidore.....		" 13..	141.75	.....	" tug, coasting.
James Holly.....		" 19..	31.21	.....	Screw, tug, St. John river.
J. D. Hunter.....		" 19..	67.97	.....	" " " " & coasting.
Killkeel		not issued.	252.27	.....	" frt. boat " " to N.S.
Hamstead	150	May 25..	234.52	.....	" pass. " "
Beaver.....	20	" 26..	84.73	.....	" " " "
Hudson.....		" 27..	33.59	.....	" yacht, coasting.
Ida.....		June 1..	3.66	.....	" " St. John river.
Fanchon	40	" 1..	110.61	.....	Paddle, tug and pas., St. John river.
Eva Johnson.....		" 1..	15.77	.....	Screw, tug, St. John river.
Annie Currier.....		" 1..	10.56	.....	" " " "
Carrie Knight		not issued.	5.88	.....	" " " "
Ernest.....		June 1..	12.58	.....	" " " "
Randolph.....		" 1..	8.71	.....	T. " " " "
Latona.....		" 1..	22.68	.....	" yacht " "
Peri.....		" 1..	11.77	.....	" tug " "
Lord Kitchener.....	176	" 2..	161.24	.....	" " & pass. St. John r. & coast'g.
Lillie.....	65	" 4..	71.64	.....	" " " " " "

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected, &c.—New Brunswick and P. E. Island Division—*Concluded.*

BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and In- spection Fees Paid.	Class of Vessel and where employed.
				\$ cts.	
Tangent.....		June 7..	35·74	.....	T." tug and pass., St. John river.
Brunswick.....	40	" 7..	184·27	.....	" pass., " " & coastwise.
Frederick A.....		" 5..	31·11	.....	" tug, coasting.
Nautilus.....		" 20..	26·58	.....	" yacht, St. Croix river.
Neptune.....	40	" 22..	71·15	.....	" tug and pass., St. John river.
Scionda.....		" 26..	77·60	.....	" yacht, St. John R. & coasting.
Zuleika.....		" 30..	15·87	.....	" " " "
Total.....			15,532·73		

C. E. DALTON,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but Registered elsewhere for the year ended June 30, 1904.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Cl
		1904.			
Calvin Austin.....	980	July 19..	3,826·25	414 08	Screw, pass., St. John to Boston.
Campobello.	100	Aug. 18..	39·81	8 12	" ferry, Eastport to Lubec.
Eastport	146	" 18..	64·29	10 12	" " " "
Lubec...	125	" 18 .	50·94	9 08	" " " "
Henry F. Eaton.....	300	" 19..	240·04	27 20	" pass., Calais to Eastport.
St. Croix	500	Dec. 10..	1,993·58	167 52	" " St. John to Boston.
		1905.			
Elaine.....	500	Mar. 21..	272·08	29 76	" " " river.
Penobscot....	600	June 11..	1,414·02	113 12	Paddle, " " to Boston.
Calvin Austin.....	980	" 11..	3,826·25	306 08	Screw, " " "
			11,727·26	985 08	

C. E. DALTON,
Steamboat Inspector.

STEAM Vessels not inspected for the year ended June 30, 1904.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

Name of Vessel.	Gross Tonnage.	Registered Tonnage.	Remarks. Why not Inspected and Class of Vessel.
Alice..	15·77	10·72	Screw, tug, not applied for.
Comet.....	20·85	13·51	Paddle, " " " "
Gracia Bell.....	10·52	7·16	Screw, pleasure yacht laid up.
Nelson.....	32·80	17·02	" tug, out of district.
Powerful	29·34	18·49	Paddle, " not applied for.
Beryl Essie.....	23·83	16·93	Screw, " " " "
Nellie H.....	7·52	5·72	" " out of district.
Vacuna	9·52	6·47	" " and frt boat not applied for.
Wenola	25·10	17·10	" " not applied for.
Storm King.....	107·87	73·30	" " and pass., out of district.
Total.....	283·12	186·42	

C. E. DALTON,
Steamboat Inspector.

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected for the year ended June 30, 1904.
NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.
HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Alexandra.... { Coast. River.	120 } 397 }	July 2..	200·72	.....	Screw, pass., Miramichi river.
St. George.....	200	" 2..	277·78	.....	Paddle, " " "
Miramichi.... { Bay River.	100 } 200 }	" 3..	75·18	.....	Screw, " " "
St. Nicholas.....	100	" 3..	62·20	.....	" " " "
Sybella H.....	40	" 3..	70·68	.....	Paddle, ferry, " "
Lady Dufferin.....	40	" 4..	47·48	.....	" " " "
Rustler.....	200	" 4..	101·54	.....	" pass., " "
Mary Odell.....	70	" 2..	28·92	.....	Screw, " " "
Scow No. 6.....	200	" 4..	114·00	.....	In tow, " " "
Florence.....	25	" 6..	19·33	.....	Screw, " Restigouche river.
Nyanza.....	100	" 7..	83·21	.....	" " Bathurst harbour.
Beatrice E. Waring...	600	Aug. 14..	592·59	.....	Stern wheel, pass., St. John river.
Flushing.....	212	" 13..	177·65	.....	Screw, pass., St. John riv. & coasting.
Ouangondy.....	383	" 5..	294·75	.....	Paddle, ferry, St. John harbour.
Vivian C. (Barge)....	125	" 11..	58·00	.....	In tow, St. John river.
Viking.....	150	" 17..	127·70	.....	Screw, pass., Passamaquoddy bay.
Marguerite.....	35	Not issued	19·66	.....	" " St. John river.
Dirigo.....	40	Sept. 4..	70·13	.....	" " " "
Springhill { Bay Miras B.	60 } 100 }	" 22..	189·05	.....	" " Minas Basin & coasting.
Aurora.....	200	Oct. 2..	364·24	.....	" " St. John & Grand Manan
Aberdeen.....	393	" 21..	243·86	.....	Stern wheel, pass., St. John river.
Westport.....	32	Nov. 19..	80·07	.....	Screw, pass., coasting.
Western Extension....	427	Oct. 22..	424·89	.....	Paddle, ferry, St. John harbour.
Senlac.....	300	Sept. 8..	1,010·74	.....	Screw, pass., " & coasting.
		1905.			
Northumberland.....	350	Mar. 28..	1,255·46	.....	T. screw, pass., Northld. straits.
Princess.....	350	" 28..	541·79	.....	" " " "
City of London.....	250	" 28..	515·77	.....	" " " "
Springfield.....	265	" 28..	232·73	.....	Stern wheel, pass., St. John river.
Majestic.....	400	April 2..	274·63	.....	Screw, " " "
Crystal Stream.....	493	" 6..	482·05	.....	Paddle, " " "
Victoria.....	885	" 18..	1,001·93	.....	" " " "
May Queen.....	420	" 2..	593·40	.....	" " " "
Beatrice E. Waring...	600	" 11..	592·59	.....	Stern wheel, St. John river.
Clifton.....	200	" 20..	138·21	.....	" " " "
Maggie Miller.....	150	" 22..	104·66	.....	Paddle, ferry, " "
Serena E....	40	Mar. 31..	24·94	.....	Screw, pass., " "
Bessie Ardella.....	40	May 2..	17·42	.....	" " Passamaquoddy bay.
Montague.....	75	" 9..	129·55	.....	Paddle, ferry, Georgetown harbour.
Electra.....	40	" 9..	106·96	.....	Screw, pass., coasting.
Elfin.....	70	" 10..	122·42	.....	Paddle, ferry, Charlestownh arbour.
Wm. Aitken.....	25	" 10..	74·87	.....	Screw, pass., " "
Fred M. Batt.....	30	" 10..	59·90	.....	" " " "
Acadia.....	172	April 29..	74·21	.....	" " Chal'town H. & coasting.
Beaver.....	20	May 26..	84·73	.....	" " St. John & Moncton.
Hampstead.....	150	" 25..	234·52	.....	" " " river.
Fanchon.....	40	June 1..	110·61	.....	Paddle, " " "
LordKitchener { Coast. I. W.	40 } 200 }	" 3..	161·24	.....	Screw, " " & coasting.
Lillie..... { Coast. River.	30 } 65 }	" 4..	71·64	.....	" " " "
Brunswick { B.ofFundy Minas riv.	40 } 350 }	" 7..	180·27	.....	" " " "
Neptune { Special ferry Ordinary....	100 } 40 }	" 22..	71·15	.....	" " " & Bay of Fundy.
La Tour (Barge).....	40	" 22..	13·00	.....	In tow, St. John river.
E. Ross.....	40	Sept. 21..	29·63	.....	Screw, ferry, St. John river.

I. J. OLIVE, *Hull Inspector, &c.*

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but registered elsewhere, for the year ended
June 30, 1904.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and In- spection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Calvin Austin.....	980	July 18..	3,826·25	314 08	Screw, pass., St. John & Boston.
Lubec.....	125	Aug. 18..	50·94	9 08	" " Passamaquoddy bay.
Campobello.....	100	" 18..	39·81	8 12	" " " "
Eastport.....	146	" 18..	64·29	10 12	" " " "
Henry F. Eaton	300	" 19..	240·04	27 20	" " " "
St. Croix.	500	Dec. 10..	1,993·58	167 52	" " St. John & Boston.
		1905.			
Elaine.....	500	Mar. 21..	272·08	29 76	" " St. John river.
Penobscot	600	June 11..	1,414·02	113 12	Paddle, " " & Boston.
Calvin Austin.....	980	" 11..	3,826·25	306 08	Screw, " " "

I. J. OLIVE,
Hull Inspector, &c.

STEAM Vessels Inspected for the year ended June 30, 1904.

BRITISH COLUMBIA DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1904.		
Spray		July 7..	7·36	Screw, tug, coasting, British Columbia.
Hercules	50	" 9..	64·68	" " pass., Kootenay lake.
Moyie	250	" 9..	834·81	Stern wheel, frt., pass. "
Nelson	125	" 9..	496·01	" " " " "
Kokanee.. ..	200	" 10..	347·50	" " " " "
Haylis		" 10..	43·81	Screw, tug " "
Kaslo	500	" 10..	764·77	Stern wheel " " "
International.....	300	" 11..	525·55	" " " " "
Alberta.....	200	" 11..	508·15	" " " " "
Argenta.....	40	" 11..	206·32	" " " " Duncan river.
Ymir		" 12..	69·74	Screw, tug, Kootenay lake.
Valhalla.....	30	" 12..	153·23	" " pass. "
Proctor		" 12..	43·12	" " " "
Flirt		" 12..	3·58	" yacht " "
Pilot		" 12..	7·80	" tug " "
Slocan.....	300	" 13..	578·03	Stern wheel, frt., pass., Slocan lake.
Sandon.....	50	" 13..	96·22	Screw " " "
Arrow		" 13..	4·50	" tug, Slocan lake.
Minto.....	250	" 14..	828·91	Stern wheel, frt., pass., Columbia river.
Columbia.....		" 14..	49·84	Screw, tug, Columbia river.
Irene		" 14..	28·95	" " " "
Kootenay	300	" 15..	1,117·09	Stern wheel, frt., pass., Columbia river.
Lardeau.....		" 16..	9·60	Screw, tug, Columbia river.
Archer	40	" 16..	15·32	" frt., pass. "
Blonde		" 16..	32·64	" tug " "
Rossland	300	" 16..	883·55	Stern wheel, frt., pass., Columbia river.
Victoria.....	30	" 17..	106·60	" " " " Trout lake.
Idler.....		" 17..	3·88	Screw, tug, Trout lake.
Ptarmigan	39	" 20..	246·45	Stern wheel, frt., pass., Upper Columbia.
Selkirk		" 20..	58·49	" " yacht " "
Pert.....		" 20..	6·44	Screw, tug, frt. " "
Thompson		" 22..	149·80	Stern wheel, tug, frt., Shuswap lake.
Maude Annis		" 22..	22·54	Screw, tug, Shuswap lake.
Aberdeen	250	" 23..	554·04	Stern wheel, frt., pass., Okanagon lake.
York.....	70	" 25..	134·00	Twin screw " " "
Kelowna		" 25..	65·38	" " tug " "
R. P. Ritchet....	81	April 15..	816·69	Stern wheel, frt., pass., coast., B. Columbia.
Joan	500	Aug. 8..	821·21	Twin screw " " " "
Princess Victoria....	1,000	" 17..	1,943·22	" " " " " "
Danube.....	300	" 18..	886·89	" " " " " "
Mermaid	40	" 12..	128·55	" " " " " "
Queen City	100	Sept. 8..	391·21	" " " " " "
Manauense		" 21..	1,672·09	" " Canadian and foreign.
Tees.....	125	Oct. 1..	679·15	" " pass., coast., B. Columbia.
Flossie		" 3..	4·64	" yacht, Fraser River.
Charmer.....	500	" 12..	1,044·41	" frt., pass., coast., B. Columbia.
Princess Beatrice....	350	Nov. 19..	1,289·51	" " " " " "
Mystery.....	20	" 23..	64·80	" tug " " "
Delta		Dec. 14..	25·20	" frt. " " "
Maude	15	" 5..	174·99	" " " " "
Water Lily		" 23..	73·81	Stern wheel, water boat, Esquimalt.
		1905.		
Thistle.....	50	Jan. 2..	222·36	Screw, frt., pass., coast., British Columbia.
Sadie	12	" 7..	49·30	" tug " " "
Otter	70	" 8..	365·97	" frt. " " "
Ame		" 23..	8·56	" tug " " "
Albion	20	" 22..	88·11	" " " " " "
Hope	12	" 25..	78·49	" " " " " "
Moana	327	" 30..	3,915·00	" frt. " Canadian and foreign.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected, &c.—British Columbia Division—*Concluded.*BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1905.		
Czar.....	17	Jan. 8..	152·18	Screw tug pass., coast., British Columbia.
Pilot.....	22	Feb. 5..	279·05	" " " " "
Ba Boscowitz.....		" 11..	337·92	" frt. " " "
J. L. Card.....		" 15..	141·06	T " " " "
Chieftain.....	20	" 25..	64·80	" tug " " "
Princess May.....	350	" 23..	1,393·76	T " frt. " Canadian and foreign.
Wyefield.....		" 26..	3,234·59	" " " " "
Constance.....		Mar. 10..	11·17	" yacht, coasting, British Columbia.
Nell.....	25	" 10..	207·97	T " frt., pass., coast. "
Venture.....		" 21..	654·52	T " " Canadian and foreign.
Lorne.....	16	" 16..	287·96	" tug, pass., coast., British Columbia.
Oscar.....		" 24..	95·42	" frt. " " "
Iroquois.....	65	" 23..	195·49	" " " " "
Selkirk.....	13	" 23..	141·63	" " " " "
Alert.....		" 1..	43·81	" tug " " "
Daisy.....		April 5..	60·10	" " " " "
Athens.....		" 12..	23·21	" fishing " " "
Mount Royal. . .	130	" 12..	471·03	Stern wheel, frt., pass., Skeena river.
Edna Grace.....		" 18..	42·00	Screw, tug, coasting, British Columbia.
Victorian.....	450	" 20..	1,503·64	" car ferry, Sydney and Fraser river.
Trader.....	20	" 18..	167·18	" frt., pass., coasting, B. Columbia.
Revelstoke.....	90	May 3..	308·55	Stern wheel, frt., pass., Big Bend, Columbia river.
Yale.....		" 4..	36·28	Screw, tug, Columbia river.
Geo. F. Pipar.. .		" 4..	70·15	" " " " "
Smuggler.....		" 5..	15·97	" " " " "
Amur.....	228	" 12..	907·17	" frt., pass., Canadian and foreign.
Bute.....		" 16..	48·86	" tug, coasting, British Columbia
Kootenay.....		" 17..	7·74	" " Rivers Inlet.
R. P. Rithet.....	81	" 9..	816·69	Stern wheel, frt., pass, coast., B. Columbia.
City of Nanaimo....	500	" 16..	761·37	Twin screw " " " "
Yosemite.	400	" 23..	1,535·03	Paddle " " " "
Albert Lea.....		" 26..	18·67	Screw, tug, Barclay sound.
Brant.....		" 26..	18·67	" " " " "
Forager.....		June 1..	89·57	" frt., coasting, British Columbia.
Sunbury.....	17	" 6..	37·72	" tug, pass. " " "
Patsy.....		" 7..	6·99	" yacht, inland " "
Colleen Ardre.. .	25	" 13..	4·83	" gasoline, ferry, Burrard inlet.
Dominion.....	50	" 29..	17·58	" ferry, Victoria harbour.
Total			38,013·09	

J. A. THOMSON,
Steamboat Inspector.

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected in Canada but Registered Elsewhere, for the year ended June 30, 1904.

BRITISH COLUMBIA DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Clallam.....	500	July 3..	672·00	61 76	Screw, frt., pass., Canadian and foreign.
Majestic.....	200	" 9..	659·00	60 72	" " " "
Cottage City.....	273	Aug. 13..	1,885·11	158 80	" " " "
Queen.....	385	" 22..	2,727·80	226 24	" " " "
Ramona.....	113	" 24..	1,061·39	92 88	" " " "
City of Puebla.....	366	Sept. 2..	2,623·88	217 92	" " " "
Rosalie.....	127	Nov. 1..	318·51	33 52	" " " "
		1905.			
Mainlander.....	145	Jan. 27..	505·19	40 40	" " " "
Whatcom	200	Feb. 3..	716·00	57 28	" " " "
Senator	417	April 3..	2,409·60	192 72	" " " "
Umitilla.....	424	May 12..	3,069·76	245 60	" " " "
Humbolt	321	" 11..	1,075·00	86 00	" " " "
Valencia.....	286	" 11..	1,598·49	127 84	" " " "
City of Seattle ..	456	" 14..	1,411·05	112 88	" " " "
Spokane.....	305	June 20..	2,036·20	162 88	" " " "
City of Topeka.....	150	" 20..	1,057·29	84 56	" " " "
Total			23,826·27	1,962 00	

J. A. THOMSON,
Steamboat Inspector.

STEAM Vessels not Inspected for the year ended June 30, 1904.

BRITISH COLUMBIA DIVISION.

Name of Vessel.	Gross Tons.	Registered Tonnage.	Remarks. Why not Inspected and Class of Vessel.
Denver.....	8·51	5·79	Hauled out and laid up.
Willapa	373·09	245·00	Sold, out the country.
Ethel Rose	82·05	51·70	No application.
Riffle	36·62	23·08	"
Willie.....	82·60	55·94	"
Stratchcona.....	596·28	375·66	Laid up, machinery out of repair.
Don.....	4·19	2·85	" out of service.
M. S. Dollar.	4,216·00	2,674·00	Trading in foreign parts, not been in port.
Total.....	5,399·34	3,434·02	

J. A. THOMSON,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but Registered elsewhere for the year ended
June 30, 1904.

BRITISH COLUMBIA AND YUKON DIVISION.

BOILERS AND MACHINERY AND HULL.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
				\$ cts.	
T. C. Powers.	125	July 8..	820	73 60	Stern wheel, frt. & pass., Yukon river.
Sarah.	250	" 26..	1,211	104 88	" " " " " "
Cavelle Young.	50	Aug. 7..	506	48 48	" " " " " "
Rock Island.	160	" 3..	533	50 72	" " " " " "
Louise.	150	" 8..	718	65 44	" " " " " "
John Cudhay.	150	" 23..	820	73 60	" " " " " "
Will. H. Isom.	250	" 24..	983	86 64	" " " " " "
Seattle, No. 3.	160	" 27..	548	51 84	" " " " " "
Total.			6,120	550 20	

F. M. RICHARDSON,
Steamboat Inspector, Vancouver, B.C.

STEAM Vessels not inspected for the year ended June 30, 1904.

BRITISH COLUMBIA AND YUKON DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Gross Tonnage.	Registered Tonnage.	Remarks. Why not Inspected and Class of Vessel.
Sea Lion.	6	4	No application, screw tug.
Winneta.	24	16	" " "
On Time.	11	4	" " "
Donney.	15	10	Boiler condemned.
Hamlin.	514	323	No application, stern wheel, pass., and frt.
Edna W.	15	10	" screw yacht.
Hubert.	6	4	" " "
Surprise.	20	13	" " tug.
Rothsay.	553	348	" stern wheel, frt., and pass.
Welcome.	32	20	" " " "
Thistle.	2	2	" screw tug.
Albert Lea.	19	13	" " "
Enterprise.	12	8	" " "
Total.	1,229	775	

F. M. RICHARDSON,
Steamboat Inspector, Vancouver, B.C.

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected for the year ended June 30, 1904.

BRITISH COLUMBIA DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1904.		
St. Clair.....	25	April 15..	68·12	Screw, tug and pass., coasting, British Columbia.
Britannia.....	300	May 6..	325·94	" " " " "
R. P. Rithet.....	81	April 15..	816·69	Stern wheel, frt. & pass., Victoria & Fraser river.
City of Tipella.....	12	May 1..	18·89	Screw, freight & pass., coasting, B.C.
Joan.....	500	Aug. 8..	821·21	T.-screw, " " Vancouver & Nanaimo.
Mermaid.....	40	" 12..	128·55	" " " coasting, B.C.
Princess Victoria.....	1,000	" 14..	1,943·22	" Canadian and foreign ports.
Lapwing.....		" 17..	150·73	Screw, freight, coasting, B.C.
Danube.....	300	" 18..	886·89	" " & pass., coast., B.C.
Queen City.....	100	Sept. 8..	391·21	" " " " "
Manauense.....		" 21..	1,672·09	" " foreign ports.
Tees.....	125	Oct. 1..	679·15	" " & pass., coast., B.C.
Charmer.....	500	" 12..	1,064·41	" " " Victoria and mainland.
Etta White.....	15	Nov. 10..	97·35	" " " coast., B.C.
Favourite.....	100	Oct. 25..	256·28	Stern wheel, freight & pass., Fraser river.
Cassiar.....	300	Nov. 16..	597·18	Screw, freight & pass., coast., B.C.
Princess Beatrice.....	350	" 19..	1,289·51	" " " Victoria & foreign ports.
Mystery.....	20	" 23..	64·80	" " " coast, B.C.
Mamie.....	12	Aug. 24..	89·60	" " " " "
Maude.....	15	Dec. 5..	174·99	" " " " "
	1905.			
Thistle.....	50	Jan. 2..	222·36	" " " " "
Sadie.....	12	" 7..	49·30	" " " " "
Otter.....	70	" 8..	365·97	" " " " "
Comox.....	140	" 14..	101·17	" " " " "
Albion.....	20	" 22..	88·11	" " " " "
Hope.....	12	" 25..	78·49	" " " " "
Active.....	18	" 26..	171·74	" " " " "
Moana.....	327	" 30..	3,915·00	" " " B.C. & foreign ports.
Transfer.....	120	" 19..	264·16	Stern wheel, freight & pass., Fraser river.
Halifax.....	12	Feb. 1..	28·19	Screw, freight & pass., coast., B.C.
Pilot.....	22	" 5..	279·05	" tug & pass., " "
Czar.....	17	Jan. 8..	152·18	" " " " "
Britannia.....	300	Feb. 11..	325·94	" freight & pass., " "
Coquitlam.....	75	" 12..	256·33	" tug & pass., " "
Robert Dunsmuir.....	40	" 12..	2 1·75	T.-screw, frt. & pass., " "
Defiance.....	39	" 13..	89·88	Screw, " " " "
Barbara Boscowitz.....	133	" 15..	337·92	" " " " "
Princess May.....	350	" 23..	1,393·76	T.-screw, " " B.C. & foreign ports.
Wyefield.....		" 26..	3,234·59	Screw, " foreign ports.
Chieftain.....	20	Mar. 5..	64·80	" " & pass., coast., B.C.
Nell.....	25	" 10..	207·97	" " " " "
Ruth.....	12	" 12..	70·65	" " " " "
Lorne.....	16	" 16..	287·96	" tug " " "
Tepic.....	15	" 17..	70·87	" " " " "
Venture.....		" 21..	654·52	" freight, B.C. & foreign ports.
Native.....	10	" 22..	51·51	" " & pass., coast., B.C.
Surrey.....	50	" 25..	263·26	Paddle, ferry, Fraser river.
Selkirk.....	13	" 23..	141·63	Screw, freight & pass., coast., B.C.
Iroquois.....	65	" 23..	195·49	" " " " "
Mount Royal.....	130	April 12..	471·03	Stern wheel, pass. & freight, Skeena river
North Vancouver.....	200	" 13..	103·83	Screw, ferry, Burrard Inlet
Ramona.....	75	" 15..	250·79	Stern wheel, freight & pass., Fraser river.
Trader.....	20	" 18..	167·18	Screw, freight & pass., coast., B.C.
Victorian.....	450	" 20..	1,503·64	" " " Sydney & Fraser river.
Pheasant.....	88	" 14..	251·45	Stern wheel, freight & pass., " "

SESSIONAL PAPER No. 23

STEAM Vessels Inspected, &c.—British Columbia Division—*Concluded.*HULL INSPECTION—*Concluded.*

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1905.		
Cornet.....	12	April 26..	85·26	Screw, freight & pass., coast., B.C.
Bermuda.....	25	" 27..	72·03	" " " " "
Unican.....	34	May 2..	130·92	" " " " "
Capilano.....	64	" 3..	231·14	" " " " "
Chehalis.....	15	" 4..	53·75	" " " " "
Alice.....	12	" 7..	10·98	" " " " "
R. P. Rithet.....	81	" 9..	816·69	Stern wheel, frt. & pass., Victoria and mainland.
Amur.....	228	" 12..	907·17	Screw, freight & pass., B.C. & foreign ports.
Stampede.....	12	" 14..	11·97	" " " coast., B.C.
Minto.....	20	" 15..	36·19	Stern wheel, ferry, Fraser river.
Defender.....	24	" 15..	216·10	" freight & pass., Fraser river.
City of Nanaimo.....	500	" 16..	761·37	T.-screw, " " coast., B.C.
Vancouver.....	12	" 21..	49·96	Screw, " " " "
Beaver.....	150	" 21..	545·44	Stern wheel, " " Fraser river.
Yosemite.....	400	" 23..	1,525·03	Paddle, freight & pass., Victoria and mainland.
Clarence.....	12	" 27..	12·69	Screw, " " coast., B.C.
City of Tipella.....	12	" 27..	18·89	" " " " "
Phoenix.....	30	" 31..	87·18	" " " " "

R. COLLISTER

Hull Inspector.

STEAM Vessels Inspected in Canada but registered elsewhere or the year ended
June 30, 1904.

BRITISH COLUMBIA DIVISION.

HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1904.		\$ cts.	
Clallam.....	500	July 3..	672·00	61 76	Screw, Canadian and foreign ports.
Majestic.....	200	" 9..	659·00	60 72	" " " " "
Cottage City.....	273	Aug. 13..	1,885·11	158 80	" " " " "
Queen.....	385	" 22..	2,727·80	226 24	" " " " "
Ramona.....	113	" 24..	1,061·39	92 88	" " " " "
City of Puebla.....	366	Sept. 2..	2,623·88	217 92	" " " " "
Rosalie.....	127	Nov. 1..	318·51	33 52	" " " " "
		1905.			
Mainlander.....	145	Jan. 27..	505·19	40 40	" " " " "
Whatcom.....	200	Feb. 3..	716·00	57 28	" " " " "
Senator.....	417	April 3..	2,409·60	192 72	" " " " "
Humboldt.....	321	May 11..	1,075·00	86 00	" " " " "
Valencia.....	286	" 11..	1,598·49	127 84	" " " " "
Umatilla.....	427	" 12..	3,069·76	245 60	" " " " "
City of Seattle.....	456	" 25..	1,411·05	112 88	" " " " "

R. COLLISTER,

Hull Inspector.

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected for the Year ended June 30, 1904.

BRITISH COLUMBIA AND YUKON DIVISION.

BOILERS AND MACHINERY.

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1903.		
Prospector	130	July 2..	263	Stern wheel, pass. and frt., Yukon river.
Clifford Sifton	150	" 6..	291	" " "
Tyrrell	150	" 8..	678	" " "
Emma Nott		" 9..	73	" freight, Yukon river.
Casca	150	" 13..	590	" pass. and frt., Yukon river.
Canadian	200	" 13..	716	" " "
Bailey	100	" 13..	193	" " "
Quick		" 14..	67	" " "
Dawson	175	" 15..	779	" " "
Wilbur Crimmin	70	" 16..	168	" " "
Selkirk	175	" 17..	777	" " "
Mary F. Graff		" 18..	864	" " "
Yukoner	175	" 18..	781	" " "
White Horse	175	" 20..	987	" " "
Victorian	175	" 25..	716	" " "
Lightning	100	Aug. 5..	557	" " "
J. V. Light	50	" 10..	718	" " "
Golden Crown, No. 1		" 19..		Dredge, Stewart river.
Thistle	130	" 1..	225	Stern wheel, pass. and frt., Yukon river.
La France	130	" 1..	201	" " "
Columbian	175	Sept. 1..	716	" " "
Zealandian	70	" 3..	180	" " "
Sybil	125	" 3..	653	" " "
Gleaner	150	" 5..	241	" " Taku lake.
Scotia	125	" 6..	214	" " Atlin lake.
Mabel F.		" 8..	10	Screw tug, Bennett.
Olive May		" 9..	85	Stern wheel, frt., Lewes river.
Joseph Clossett	50	" 9..	147	" " "
New Era		" 1..	56	Screw, frt., B.C. waters.
Fingal		" 22..	91	" " "
Clansman		" 22..	72	" " "
Staffa		" 22..	51	" " "
Gipsy		Oct. 1..	10	Screw, tug, " "
Mamie	12	Aug. 24..	90	" " "
Saturna		Oct. 1..	22	" " "
Lapwing		" 1..	151	" frt., " "
Ariadne		" 1..	14	" yacht, " "
Rustler		" 1..	13	" " "
Leonora		" 15..	33	" tug, " "
Squid		" 26..	60	" frt., " "
Stella		Nov. 2..	16	" tug, " "
Olive		" 3..	71	Stern wheel, frt., B.C. waters.
Kilkonan		" 5..	51	Screw, tug, B.C. waters.
Etta White	15	" 10..	97	" " " "
Favorite	100	" 25..	257	Stern wheel, pass. and frt., Fraser river.
Cassiar	300	" 20..	597	Screw, frt., and pass., B.C. waters.
Eva		" 1..	40	" tug, " "
Lottie		" 20..	29	" " " "
Reliance		" 15..	9	" yacht, " "
Senator		Oct. 28..	28	" tug, " "
Queen of Pacific		Dec. 1..	78	" frt. " "
Belle		March 1..	67	" tug, " "
Vigilant		Dec. 1..	29	" " " "
Sendai		" 1..	14	" " " "
Columbia		" 20..	252	" frt., " "
		1905.		
Lottie		Jan. 1..	29	" tug, " "
Transfer	120	" 19..	264	Stern wheel, pass., and frt., Fraser river.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected for the Year ended June 30, 1904—*Continued.*BRITISH COLUMBIA AND YUKON DIVISION—*Continued.*BOILERS AND MACHINERY—*Continued.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Class of vessel, and where employed.
1905.				
Comox.....	60	Jan. 24..	101	Screw, pass., and frt., B.C. waters.
Halifax.....		" 25..	28	" tug, " "
Active.....	20	" 25..	172	" " " "
Britannia.....	250—300	Feb. 4..	326	" pass. and frt., " "
Chehalis.....	15	May 1..	54	" tug, " "
Capilano.....	25	Feb. 16..	231	" pass., and frt. " "
Coquitlam.....	75	" 19..	256	" " " "
Lark.....		" 23..	58	Stern wheel, frt., Fraser river.
Robert Dunsmuir...	40	" 25..	232	Screw, pass., and frt., B.C. waters.
Defiance.....	39	Mch. 1..	90	" " " " "
Ruth.....	12	Feb. 1..	71	" tug, " "
1904.				
Belle.....		June 11..	67	" " " "
1905.				
Fire Fly.....		Mch. 3..	46	Stern wheel, tug, Fraser river.
Esperanza.....		" 1..	31	Screw, tug, " "
Magnet.....		" 1..	24	" " B.C. waters.
Surrey.....	50	" 12..	263	Paddle, ferry, Fraser river.
Mabel.....		Not issued	5	Screw, tug, " "
Nagasaki.....		Mch. 15..	15	" " B.C. waters.
Stranger.....		" 1..	27	" " " "
Ramona.....	75	" 1..	251	Stern wheel, frt., and pass., Fraser river.
Fearless.....		" 1..	53	Screw, tug, B.C. waters.
Vancouver.....	12	Sept. 31..	50	" " " "
Native.....	10	Mch. 15..	52	" " " "
Tepic.....	15	" 15..	71	" " " "
Vulcan.....		" 1..	77	" " " "
Iris.....		" 1..	38	" " " "
Brunette.....		" 1..	37	" " " "
Milkmaid.....		Not issued	7	" " Fraser river.
Superior.....		Mch. 5..	44	" " B.C. waters.
Fern.....		" 10..	24	" " " "
Cascade.....		" 10..	119	" frt. " "
Lois.....		" 10..	25	" tug, " "
Glen Rosa.....		Apl. 1..	18	" " Skeena river.
Alice.....		Mch. 15..	35	" " B.C. waters.
Clive.....		Apl. 5..	35	" " " "
St. Clair.....		" 5..	68	" " " "
Burt.....		" 7..	50	" frt., " "
Dauntless.....		" 8..	128	" tug, " "
Lily.....		" 11..	12	" yacht " "
North Vancouver...	200	" 13..	104	" ferry, Vancouver.
Evangeline.....		" 17..	14	" yacht, Albert bay.
Swan.....		" 18..	36	" tug, B.C. waters.
Lottie N.....		" 20..	34	" " Skeena river.
Vera.....		" 20..	6	" " " "
Florence.....		" 21..	30	" " " "
Nora.....		" 21..	19	" " " "
Maime.....		" 21..	9	" " " "
Hazelton.....	150	" 22..	378	Stern wheel, frt., and pass., Skeena river.
Bermuda.....	25	" 26..	72	Screw tug, B.C. waters.
Unican.....	40	" 27..	131	" pass., and frt., B.C. waters.
Starling.....		" 29..	8	" tug, " "
Terra Nova.....		May 2..	47	" frt. " "
Comet.....	12	" 1..	85	" tug, " "
Constance.....		" 10..	50	" " " "
Wellington.....		" 10..	16	" " Fraser river.
Troubadour.....		" 10..	18	" " B.C. waters.
Clara Young.....		" 10..	31	" " " "

4-5 EDWARD VII., A. 1905

STEAM Vessels Inspected for the Year ended June 30, 1904—*Concluded.*BRITISH COLUMBIA AND YUKON DIVISION—*Concluded.*BOILERS AND MACHINERY—*Concluded.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1905.		
Antolycus.....		May 1..	25	Screw tug, B.C. waters.
City of Tipella.....	12	" 1..	19	" " " "
Stampede.....	12	" 12..	12	" " " "
Queen of Pacific.....		" 1..	78	" frt., " "
Alice.....	12	" 7..	11	" pass., Vancouver harbour.
Clarence.....	12	" 13..	13	" tug, B.C. waters.
Flyer.....		May 1..	12	" " " "
Lily.....		Apl. 1..	9	" " Fraser river.
Dorothy.....		May 14..	20	" " B.C. waters.
Pheasant.....	88	Apl. 14..	251	Stern wheel, pass., and frt., Fraser river.
Tyee.....		May 12..	32	Screw tug, B.C. waters.
Coutli.....		" 10..	99	" " " "
Cleeve.....		" 1..	36	" " " "
Muriel.....		" 1..	44	" " " "
Reliance.....		" 2..	36	" " " "
Phoenix.....	30	" 2..	87	" " " "
Winnifred.....		" 2..	13	" " " "
Water Lily.....		June 1..	4	" yacht " "
Courser.....		" 1..	161	Stern wheel, tug, Harrison lake.
Minto.....	20	" 1..	36	" " frt., and pass., Harrison river.
Defender.....	30	" 1..	216	" " " " " "
Beaver.....	150	May 21..	545	" " " " Fraser river.
Eagle.....		" 1..	35	Screw tug, B.C. waters.
May Queen.....		" 1..	14	" " " "
Escort, No. 2.....		June 10..	192	" " " "
Delta.....		" 1..	15	" " " "
Vancouver.....	12	May 21..	50	" " " "
Dolphin.....		June 1..	20	" " " "
Evoloo.....		" 1..	13	" yacht, B.C. waters.
Colleen Ardre.....	20	" 1..	5	" gasoline pass., Vancouver harbour.
Surprise.....		" 1..	75	" frt., B.C. waters.
Fraser.....		" 1..	36	" " " "
Uno.....		May 1..	12	" tug, " "
Hong Kong.....		" 1..	36	" " " "
Orillia.....		" 1..	12	" " " "
New Era.....	40	June 1..	56	" frt., and pass., B.C. waters.
Total.....			21,298	

F. M. RICHARDSON,
Steamboat Inspector, Vancouver, B.C.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected for the year ended June 30, 1904.

KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES DIVISION.

BOILERS, MACHINERY AND HULL INSPECTION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1904.		
Wrigley	40	July 1..	104.59	Screw, pass., frt., Mackenzie river.
Eva		" 1..	49.28	" " " "
Caribou		" 1..	28.65	" " " "
Lillian B.		" 8..	6.05	" frt., Great Slave lake.
St. Joseph		" 31..	12.06	" " Mackenzie river.
St. Alphonse		Aug. 1..	24.94	Paddle " Slave river.
St. Charles		" 11..	28.79	Screw " Peace river.
Beaver		" 27..	80.25	" " Saskatchewan river.
Mountain Bell		" 31..	4.21	" yacht, Bow river.
J. Dudley		Sept. 11..	52.47	" tug, Thunder bay.
Iona		" 21..	39.15	" " Lake Winnipegosis.
Isabell		" 21..	40.73	" frt. " "
Lotta S.		" 21..	48.03	" tug " "
Manitou	40	" 21..	107.79	" pass., frt. " "
Wolverine	35	" 30..	278.32	" " " Winnipeg.
Welcome		Jan. 30..	36.23	" tug, Rainy river.
Ethel Banning		Oct. 10..	37.54	" " " "
Chieftain		" 10..	36.26	" " " "
Beaver		" 13..	34.15	" " Lake of the Woods.
Hunter		" 21..	11.30	" " " "
Carberry		Nov. 2..	61.78	" tug, Lake Manitoba.
Argyle	150	April 18..	77.70	" ferry, Rat Portage and Keewatin.
Ethel Banning		" 21..	37.54	" tug, Lake of the Woods.
Queen		" 21..	31.65	" " " "
Catherine S.	35	" 29..	66.60	" " pass. " "
Empress		" 29..	129.28	" " " "
Georgina		May 2..	43.87	" " Thunder bay.
Siskewit		" 2..	47.17	" " " "
Lulu M. Ray		" 2..	32.64	" " " "
Jas. Adams		" 3..	50.97	" " " "
Brothers		" 3..	17.50	" " fish, Lake Superior.
J. Dudley		" 4..	52.47	" " Thunder bay.
Herbert		" 4..	20.13	" " " "
A. V. Crawford		" 5..	51.40	" " " "
Laura Grace	152	" 5..	85.56	" " pass. " "
Energy	200	" 6..	116.45	" " " "
Dredge No. 5		" 6..	230.85	Dredge " "
Dredge No. 6		" 6..	209.52	" " " "
Dredge Kingsford		" 6..		" " " "
Kenora	500	" 9..	486.34	Screw, pass., frt., Rat Portage and Fort Francis.
Rambler	25	" 10..	25.83	" " " Lake of the Woods.
Heather Bell	20	" 10..	21.18	" " " "
Clipper	40	" 10..	52.95	" " " "
Frank Marshall		" 10..	29.76	" tug, fish " "
Chieftain		" 20..	60.85	" " " Lake Winnipeg.
Premier	75	" 20..	413.99	" pass., frt. " "
Idell		" 20..	53.92	" tug, fish " "
Rocket		" 20..	55.61	" " " "
Fisherman		" 20..	44.22	" " " "
Ogina		" 20..	29.84	" " " "
Daisy		" 20..	26.33	" " " "
City of Selkirk	75	" 20..	457.82	" pass., frt. " "
Wolverine	35	" 20..	278.32	" " " "
Pitree	20	" 16..	167.86	" " " Manitoba.
Alexandra	250	" 18..	163.57	Paddle, pass., frt., Red river.
Cygnets		" 20..	20.76	Screw, fish tug, Lake Winnipeg.
Princess	20	" 20..	405.44	" pass., frt. " "
Frank Burton		" 20..	93.74	" survey " "
Balmoral		" 20..	36.93	" fish tug " "
Lady of the Lake	25	" 20..	201.43	" pass., frt. " "
Tempest		" 20..	74.66	" tug " "
Viking	50	" 20..	17.17	" pass., frt., Selkirk and Gimili.

STEAM Vessels Inspected, &c.—Keewatin, Manitoba and North-west Territories
Division—*Concluded.*

BOILERS, MACHINERY AND HULL INSPECTION—*Concluded.*

Name of Vessel.	Number of Passen- gers Allowed.	Date Certificate Expires.	Gross Tons.	Class of Vessel and where employed.
		1905.		
Angler.....		May 20..	16·16	Screw, fish tug, Lake Winnipeg.
Inez.....	20	" 26..	59·10	" pass., tug, Thunder bay.
Redwing	75	" 28..	23·14	" frt., Selkirk and Gimili.
Edith		" 30..	42·95	" tug, Lake of the Woods.
Scud		" 31..	32·05	" " "
Ethel.....	25	" 31..	20·20	" pass., frt. "
Sport		" 31..	16·26	" tug, Winnipeg river.
Day Star....		June 2..	13·47	" yacht, Lake of the Woods.
Daisy Moore.....		" 3..	38·31	" tug "
Grace B		" 6..	20·19	" " "
Shamrock.....		" 7..	79·84	" " "
D. L. Mather. .		" 7..	103·32	" " "
Chieftain.....		" 9..	36·26	" " Rainy river.
City of Alberton...		" 10..	67·54	" " lake.
Mohican.....	10	" 10..	34·20	" pass., tug, Rainy lake.
Welcome.....		" 10..	36·23	" tug "
Margaret.....		" 11..	5·75	" yacht "
Agwinde.....	125	" 11..	307·41	Paddle, pass., frt. "
Algoma		" 13..	68·59	Screw, tug "
Maple Leaf. .		" 15..	81·84	" " "
Mary Hatch.....		" 20..	121·18	" " Lake of the Woods.
D. A. Gordon.....	420	" 22..	147·98	" pass., frt., Thunder bay.
Wapiti.....	30	" 24..	18·11	" " Lake of the Woods.
Northern Light.....		" 25..	16·03	" fish tug, Eagle lake.
Gem.....		" 25..	11·08	" " " "
Nord.	10	" 25..	20·23	" pass. " "
Josie.....		" 25..	12·42	" tug " "
Galatia.....	25	" 26..	46·10	" pass., frt., Lake Wabigoon.
Villeneuve.....		" 28..	27·58	" frt., tug, Winnipeg river.
Total			7,165·91	

GEO. P. PHILLIPS,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STEAM Vessels Inspected in Canada but Registered elsewhere, for the year ended June 30, 1904.

KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES DIVISION.

Name of Vessel.	Number of Passengers Allowed.	Date Certificate Expires.	Gross Tonz.	Tonnage Dues and Inspection Fees Paid.	Class of Vessel and where employed.
		1905.		\$ cts.	
America.....	370	May 24..	681·37	54 48	Pass., frt., Port Arthur and Duluth.
Easton.....	200	" 24..	460·00	36 80	" " " "
Itasca.....	62	June 12..	34·00	2 72	" " Rainy river.
Sea Gull.....	30	" 12..	32·00	1 76	" " "
Total			1,197·37	95 76	

GEO. P. PHILLIPS,
Steamboat Inspector.

STEAM Vessels not Inspected for the year ended June 30, 1904.

KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES DIVISION.

Name of Vessel.	Gross Tonnage.	Registered Tonnage.	Remarks.	
			Why not Inspected and Class of Vessel.	
William Whyte.....	17·81	12·36	Screw, tug, not in commission.	
Widgeon	7·45	6·09	" "	"
Pastime.....	14·82	11·45	" "	"
Carry L.....	14·50	7·99	" "	"
Kate Marks.....	54·13	43·09	" "	"
Geo. Ward.....	2·39	1·69	" "	"
Gale.....	2·83	1·93	" "	"
Lady Ellen.....	18·56	12·63	" "	"
Hudson Bay Messenger	8·00	5·72	" "	"
Annie Mc	13·42	11·10	" "	no application.
Rambler.....	6·14	2·94	" "	"
Circo.....	2·83	1·93	" "	"
Osprey.....	21·12	13·97	" "	"
Mikado.....	24·92	16·86	" "	"
Little Bobs.....	13·19	8·97	" "	to be inspected.
Cruiser.....	26·92	15·56	" "	"
Undine	9·46	6·44	" "	"
Gordon M.....	3·10	2·01	" "	"
Sultana.....	3·35	2·74	" "	"
Dolphin.....	12·63	8·58	" "	"
Zena.. . . .	3·69	2·96	"	fish tug
Maud C.....	5·16	3·25	" "	"
Swan	7·76	5·50	" "	"
Maple Leaf.....	5·21	3·55	" "	"
Highlander.....	95·24	39·11	" "	"
Iland	30·49	20·42	" "	"
Orcadia	23·16	15·75	" "	"
Rose May.....	3·60	1·74	" "	"
Viking.....	15·25	10·36	" "	"
Widgeon	2·21	1·56	"	tug
Klondike.....	8·05	4·00	" "	"
Silver Spray.....	1·53	0·93	" "	"
Pioneer	16·44	8·44	" "	"
Superior.. . . .	80·51	70·81	" "	"
St. Joe.....	117·64	80·01	"	barge
Monarch	113·09	51·06	Paddle, tug	
Wm. Cross.....	21·66	16·31	Screw, pass., frt.	
Minneola.....	9·20	5·90	"	tug
Irene.....	9·71	6·20	" "	"
Dolly.....	2·77	2·00	" "	"
Primrose	8·40	6·06	" "	too far to go this year, N. W. T.
Graham	260·39	233·71	Paddle, pass., frt.	
Alphgo.....	7·50	4·68	Screw, tug	
Edna Brydges	176·05	119·72	"	pass., not in commission.
Majestic...	135·22	94·93	"	"
Total	1,437·50	1,003·01		

GEO. P. PHILLIPS,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended June 30, 1904, their Class and Horse power, whether of Wood or Iron ; their Gross and Registered Tonnage ; where built ; and where and how employed.

WESTERN ONTARIO DIVISION.

Name of Vessel.	Horse power.	Class.	Wood, Iron, or Steel.	Gross Tonnage.	Registered Tonnage.	Where built.	Where and how employed.
Turbinia.....	437.50	3 screws ..	Steel.....	1,064	634	Hebburn - on - Tyne, G.B.	Lake Ontario, passenger.
Tom Fawcett..	28.16	Paddle. . .	Composite	224	98	Toronto, Ont.	Kingston and vicinity.
Tadousac	106.30	Screw.....	Steel.....	2,359	1,452	"	Great Lakes, pass. and frt.
City of New York.	19.20	"	Wood.....	292	199	Cleveland, O..	" freight.
J. E. Mills	8.53	"	"	149	64	Marysville, M.	Sarnia and vicinity.
Com. Jarvis...	11.26	Tw. screw	"	287	97	Bronte, Ont ..	Lake Ontario, freight.
Thames.....	2.70	Paddle. . .	"	Not	regist'd.	Chatham, Ont.	Chatham and vicinity.
Manistigue	56.43	Screw	"	474	322	Gibraltar, M..	Great Lakes, tug.
National.....	1.87	"	"	18	12	Toronto, Ont.	Toronto bay. "
Salvor.....	56.53	"	"	126	72	Bay City, M..	Great Lakes, "
Hector.....	13.33	"	"	66	45	P. Colborne, O	Welland Canal, tug.
Maude.....	3.50	"	"	19	13	Wallaceb'rg, O	Wallaceburg & vicinity, tug
D. McLeod....	10.66	"	"	36	25	Goderich, Ont.	Lake Huron, fishing tug.
J. B. McLeod .	3.33	"	"	25	17	Southampt'n O	" "
Saida	1.63	"	"	14	10	Dunnville, Ont	Lake Erie "
You and I.....	4.03	"	"	25	17	P. Maitland, O	" "
Victoria K....	13.50	"	"	41	28	Goderich, Ont.	Lake Huron, "
Iris.....	4.10	"	"	16	9	Hamilton, "	Georgian bay, pleasure y't.
Zara.....	2.13	"	"	35	24	Port Rowan, O	Lake Erie, "
Total.....	784.75			5,270	3,107		

JOHN DODDS,
Steamboat Inspector, Toronto.

WESTERN ONTARIO DIVISION.

Maple Leaf....	6.00	Screw	Wood	Register	not	produced.	Lake of Bays, passenger.
Maniwa.....	8.91	"	"	12	7	Kingston, Ont.	Muskoka Lakes, yacht.
Linna.....	0.53	"	"	5	3	Toronto, Ont..	" " tug.
Willowdee	13.06	"	"	14	9	Kingston, " .	" " yacht.
Rulo.....	5.00	"	"	9	6	" " .	" " "
Edith Ann	5.00	"	"	11	7	" " .	" " "
Oriska	2.66	"	"	6	4	" " .	" " "
Mildred	9.95	"	Composite	39	25	Toronto, Ont.	" " "
Hepburn	3.53	"	Wood	15	10	Racine, Wis..	" " "
Alert.....	1.87	"	"	9	4	Richards Ld.O	Soo and vicinity, tug.
Clara May.....	0.85	"	"	9	6	Tobermory, O.	Lake Huron, tug.
Minnie A.Clark	10.66	"	"	36	25	Goderich, Ont.	" fishing tug.
W.D.Matthews	151.57	"	Steel.....	3,965	2,450	Collingwood,O	Great Lakes, frt., and pass.
Midland King..	151.57	"	"	3,965	2,450	" "	" "
W. H. Price ..	2.80	"	Wood	13	9	" "	Georgian bay, fishing boat.
Emerson.....	90.88	"	Steel.....	276	188	" "	Great Lakes, tug.
Charlie Jones..	2.70	"	Wood	16	12	Owen Sound,O	Georgian bay, fishing boat.
Gracie	13.50	"	"	41	28	Goderich, Ont.	Lake Superior, "
Leighton Mc-Carthy	10.66	"	"	36	25	Collingwood,O	Georgian bay, "
Ethyll Reid..	10.66	"	"	36	25	" "	" "
J. D. Hamill ..	24.00	"	"	111	36	Meaford, Ont.	" freight.
Agnes Smith..	13.50	"	"	57	36	L. Current, O.	North Channel, tug.
C. E. Benham..	22.53	"	"	140	93	Cleveland, O..	Great Lakes, tug.
Jessie M.....	1.63	"	"	14	8	Algoma Mls,O	North Channel, tug.
Waubauskene .	37.50	"	Steel.....	135	92	Collingwood,O	Georgian bay, tug.
Maud D.....	11.23	"	Wood	81	51	Penetang, Ont	Penetang&P.aux Barils,tug
Total	612.67			9,051	5,649		

E. W. McKEAN,
Steamboat Inspector, Toronto.

4-5 EDWARD VII., A. 1905

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended June 30, 1904 ; their Class and Horse power ; whether of Wood or Iron ; their Gross and Registered Tonnage ; where built ; and where and how employed.

EAST ONTARIO DIVISION.

Name of Vessel.	Horse power.	Class.	Wood, Iron or Steel.	Gross Tonnage.	Registered Tonnage.	Where built. Where and how employed.
Bancroft	83	Screw	Wood	9.56	6.51	Lindsay, Ont..Steam punt, Lindsay waters.
Lassic	1.20	"	"	5.52	3.75	Hastings, Ont. Yacht, Rice lake.
Arthemise ...	83	"	"	10.75	8.98	Peterboro', O.. " Otonabee river.
C. W. Cole	4.16	"	"	15.50	10.54	Kingston, Ont.Fish tug, Bay of Quinté.
Madge	4.16	"	"	7.22	5.12	Picton, Ont... Yacht " "
Micheal Davitt.	8.53	"	"	28.24	19.21	Buffalo, N. Y. Tug, River St. Lawrence.
Sovereign	8.16	"	"	44.92	36.95	Peterboro', O.. Pass., Rice lake and trib.
Margaret	7.94	" .....	" .....	.....	.....	Kingston, Ont. Yacht, River St. Lawrence.
Eric (gasoline).	30	"	"	2.86	1.94	" .. Pass. " "
Gonow " ..	53	"	"	1.15	.78	Gananoque, O. " " "
Lolita " ..	1.00	"	"	1.70	1.16	" .. " " "
Total	37.64			127.42	94.94	

THOS. P. THOMPSON,
Steamboat Inspector.

MONTREAL DIVISION.

St. Peter	16.6	Screw	Wood	66	41	Montreal	Montreal har., pass., tug.
Pontiac	2.7	Paddle....	"	15	9	Simcoe..	North river, tug.
Alexandra.....	92.6	"	Steel	417	280	Temiskaming .	Temiscamingue lake, tug.
Ruby	1.2	Screw	Wood	11	9	Combermere..	Madawaska river.
Mudpout	4.8	Paddle....	"	34	25	Hull	Ottawa river, tug.
Ottawan	17.3	Screw	Composite	311	167	Ottawa	" Mont., pass., frt.
May Flower...	12.3	Stern wh'l.	Wood	59	38	Combermere..	Madawaska river " "
G. B. Pattee II.	6.5	Screw	"	51	38	Quyon	Dechène lake, tug.
Grain El. No. 17	16.0	"	Steel	215	132	Montreal	Montreal har., grain elev.
Total	170.			1,179	739		

WM. LAURIE,
LOUIS ARPIN.

NOVA SCOTIA DIVISION.

Parrsboro'	19.80	Screw	Wood	56.55	26.28	Parrsboro. N.S	Screw, tug, Minas basin.
Olive	8.16	"	"	35.49	24.13	Dartm'th, N.S	" pass., Halifax har.
Help	29.00	"	"	146.14	90.04	Liverpool, N.S	" frt., coasting.
Strathcona	51.00	"	"	284.09	171.75	Pt. Clyde, N.S	" pass. " "
Westport III..	24.60	"	"	140.01	49.26	Shelburne, N.S	" " " "
Liberty	18.24	"	"	96.21	42.30	Sheet Hb., N.S	" frt. " "
Clare	16.06	"	"	88.02	59.65	Princep't., N.S	" " " "
Wasis	54.00	"	Iron	480.47	254.71	Mead'ws., G. B	" " " "
Waterwitch....	19.80	"	Wood	90.38	61.46	Dartm'th, N.S	" waterboat, Hal. har.
Coastguard	16.60	"	"	72.23	49.12	Shelburne, N.S	" frt., coasting.
Pioneer	1.87	"	"	15.27	10.70	Mah'ne B., N.S	" fishing " "
Mary Jane...	9.63	"	"	25.86	17.58	Moank, U.S.A	" " " "
Granville	24.00	"	"	133.74	49.31	Shelburne, N.S	" pass. " "
Dawson	13.50	"	"	37.25	16.99	" ..	" fishing " "
Alice Maud ...	16.60	"	"	44.84	30.46	" ..	" tug " "
Total	322.26			1,746.55	753.74		

HALIFAX, N.S.

J. P. ESDAILE,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended June 30, 1904, their Class and Horse power, whether of Wood or Iron ; their Gross and Registered Tonnage ; where built ; and where and how employed.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION.

Name of Vessel.	Horse power.	Class.	Wood, Iron or Steel.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how employed.
Premier.	6·00	Screw, tug	Wood.....	8·70	5·92	Chatham, N.B.	On Miramichi river, tug.
David R.	12·00	" "	"	25·27	16·01	Newcastle, "	" " "
B. E. Waring.	40·00	St. wh. pas	"	592·59	373·33	St. John, "	St. John river, pass. & frt.
Senlac.	66·6	Screw, pas	"	1010·74	687·30	" "	Coasting pass. and frt.
R. R. Call....	8·00	" tug	"	23·16	15·75	Chatham, N.B.	On Miramichi river, tug.
Allan Sewell..	4·10	" "	"	11·59	7·88	Oromocto, "	St. John river, tug.
Total.	136·70			1672·05	1106·00		

C. E. DALTON,
Steamboat Inspector.

BRITISH COLUMBIA DIVISION.

Pilot.	1·4	Screw, tug	Wood.....	7·80	5·31	Pilot Bay, B.C.	Towing, Kootenay lake.
Irene.	6·6	" "	"	28·95	19·69	Nakusp, "	" Columbia river.
Ptarmigan	4·3	S. wh. f.p.	"	246·45	155·37	Golden, "	Frt., pass., Up. Col. river
Maude Annis..	4·0	Screw, tug	"	22·54	15·33	Annis, "	Towing, Shuswap lake.
Kelowna.....	4·3	T. " "	"	65·38	44·46	Kelowna, "	" Okanagan lake.
Flossie.	3·0	Yacht....	"	4·64	3·16	Vancouver, "	Fraser river.
Prin. Beatrice.	124·0	Sc. f. & p.	"	1289·51	635·00	Victoria, "	Frt., pass., Can. & for' p'ts
Aimé...	3·4	Screw, tug	"	8·56	5·83	Chemainus, "	Towing, coast, B.C.
Constance.	2·2	" "	"	11·17	7·60	Vancouver, "	" " "
Yale.....	16·0	" "	"	36·28	24·68	Nakusp, "	" Columbia river.
Geo. F. Piper..	16·6	" f.&p.	"	70·15	57·71	" "	Frt. & pass., Columbia r'r.
Smuggler.....	5·0	" tug	"	15·97	9·86	" "	Towing, Columbia river.
Bute.....	3·2	" "	"	48·86	26·00	" "	" coast, B.C.
Forager.....	13·3	" "	"	89·57	57·31	Victoria, "	" " "
Dominion.....	6·9	" pas.	"	17·58	10·00	" "	Pass. Victoria harbour.
Total.	214·3			1963·41	1077·31		

J. A. THOMSON,
Steamboat Inspector.

QUEBEC DIVISION.

No vessels added.

STATEMENT of the Number of Steam Vessels added to the Dominion during the Year ended June 30, 1904, their Class and Horse power, whether of Wood or Iron ; their Gross and Registered Tonnage ; where built ; and where and how employed.

VANCOUVER AND YUKON DIVISION.

Name of Vessel.	Horse power.	Class.	Wood, Iron or Steel.	Gross Tonnage.	Registered Tonnage.	Where Built.	Where and how employed.
Ariadne.....	1·5	Screw	Wood.....	14	9	Vancouver ..	B.C. waters, yacht.
Rustler.....	0·8	"	"	13	9	"	"
Reliance.....	1·6	"	"	8	6	"	"
Lily.....	3·2	"	"	12	8	"	"
Sendai.....	5·6	"	"	14	10	"	" tug.
Coutli.....	28·1	"	"	99	68	"	"
Squid	11·2	"	"	60	41	"	" freight.
Clarence	2·4	"	"	13	9	"	" tug.
Alice	4·1	"	"	11	7	"	Burrard inlet, passenger.
Colleen Ardre..	1·2	Gas. screw	"	5	3	"	"
Pheasant.....	7·2	St., wheel.	"	251	158	N. Westmins'r	Fraser river, pass. & frt.
Lark.....	8·4	"	"	58	37	"	" frt.
Queen of Pacific	6·0	Screw	"	78	53	Ballard, U.S..	B.C. waters, frt.
Escort No. 2...	61·0	"	"	192	137	Coos Bay, U.S	" tug.
Total.....	132·3			858	549		

F. M. RICHARDSON,
Steamboat Inspector, Vancouver, B.C.

KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES.

Frank Marshall	3·3	Screw	Wood.....	29·76	20·24	Rat Portage ..	Lake of the Woods, fish tug
Scud	3·3	"	"	32·05	21·56	"	"
Hunter.....	1·2	"	"	11·30	7·64	"	"
Day Star.....	0·5	"	"	13·47	9·16	"	"
Grace B.	1·7	"	"	20·19	13·73	"	" priv. yac't
Algoma.....	3·3	"	"	68·59	46·56	Fort Frances .	" tug.
Welcome	8·8	"	"	36·23	24·64	"	"
Margarete. ...	0·83	"	"	5·75	3·92	"	" private yacht.
Wolverine.	31·8	"	"	278·32	189·26	Selkirk.....	Lake Winnipeg, pass., frt.
Redwing	5·2	"	"	23·14	15·74	"	"
Tempest.....	14·0	"	"	74·66	50·55	"	" tug.
Cygnets.....	2·0	"	"	20·76	14·12	"	" fish.
J. Dudley.....	18·0	"	"	52·47	35·66	Buffalo, N.Y.	Thunder bay, tug.
Northern Light	0·8	"	"	16·03	10·91	Rat Portage..	Eagle lake, "
Carberry	6·6	"	"	61·78	41·02	The Landing.	Lake Manitoba "
Isabell.....	4·4	"	"	40·73	27·70	Winnipegosis .	" Winnipegosis, tug.
Caraboo.....	4·1	"	"	28·65	19·49	Fort Smith...	Mackenzie river, frt.
Eva.....	6·4	"	"	49·82	28·44	"	"
Primrose	1·7	"	"	8·90	6·06	" Chipewan	Lake Athabasca, "
St. Charles ...	6·0	"	"	28·79	19·50	Peace River ..	Peace River, "
Total.....	123·93			901·39	605·90		

GEO. P. PHILLIPS,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STATEMENT of Steam Vessels lost, broken up or laid up, as unfit for service, in the Dominion during the year ending June 30, 1904, and where and how employed.

WEST ONTARIO DIVISION.

Name of Vessel.	Where and how last employed.	Gross Tonnage.	Class of Vessel and reason of Unfitness.
B. W. Aldrich.....	Lakes, tug..	41	Screw, dismantled.
Pittsburg.....	" passenger	1,349	Paddle, burned.
Maud.....	Georgian bay, passengr.	40	Screw, dismantled.
Conqueror.....	" tug.	25	" "
Viola.....	" yacht.....	68	" "
Carlton.....	" tug.....	8	" "
H. R. Dixon	Lake Superior, passenger.....	483	" burned.
Atlantic.....	Georgian bay, "	683	" "
Masonic	" "	39	" dismantled.
Lillie	" tug	50	" "
Joe Milton.....	" passenger.....	93	" stranded and burned.
Yacht Maida.....	" tug.....	2	" dismantled.
Thislte.....	Toronto bay, passenger	78	Paddle, sunk.
Morning Star.....	" tug.....	5	Screw, dismantled.
Ocean Lily.....	Lake Huron, tug.....	3	" sunk.
Earl.....	" fishing tug.....	18	" dismantled.
Kate Murray.....	Muskoka lakes, tug.....	3	" "
C. H. Merritt.....	Soo river, passenger.....	122	" sunk.
Total.....	.....	3110	

JOHN DODDS,
E. W. McKEAN,
JAS. B. STEWART,
Steamboat Inspectors, Toronto, Ont.

EAST ONTARIO DIVISION.

Vesta	Bay of Quinté, yacht.....	7.80	Screw, hull used up.
Maud L.	River St. Lawrence, tug.....	14.05	" "
Startled Fawn.....	Bay of Quinté, yacht.....	25.49	" "
Total.....	.....	47.34	

THOS. P. THOMPSON,
Steamboat Inspector.

MONTREAL DIVISION.

G. B. Pattee.....	Deschene Lake, tug.....	30	Screw, unfit for service.
Maid of the Mill.....	Wahnapitae Lake, tug.....	8	" "
Owl.....	Memphremagog Lake, yacht ..	4	" "
Daniel McLaughlin....	Chats Lake, tug.....	22	Paddle, "
Olive.....	Ottawa River, pass., and frt...	213	Screw, "
H. M. Mixer.....	" tug.....	30	" "
Total.....	.....	307	

WM. LAURIE,
LOUIS ARPIN,
Steamboat Inspectors.

4-5 EDWARD VII., A. 1905

STATEMENT of Steam Vessels lost, broken up, or laid up, &c.—*Continued.*

QUEBEC DIVISION.

Name of Vessel.	Where and how last employed.	Gross Tonnage.	Class of Vessel and reason of Unfitness.
Mersey.....	Tug on her way from Quebec to Manicouagan.	56	Tug, lost on the Manicouagan's shoals.
Undine.....	Towing on Lake St. John.	17	Tug, broken up.
Total.....	.....	73	

JOS. SAMSON,
Steamboat Inspector, Quebec.

NOVA SCOTIA DIVISION.

Tusket.....	Tusket river, tug.....	3·04	Tug, broken up.
Maple Leaf.....	Pictou harbour, ferry.....	129·06	Ferry boat, broken up.
Bessie.....	Minas basin, tug.....	10·45	Tug, "
David Duncan.....	Weymouth river, tug.....	20·59	" "
Lennox.....	Lennox passage, ferry.....	66·29	Ferry boat, broken up.
Lion.....	Pugwash, tug.....	19·82	Tug, sunk and abandoned.
Henry Hover.....	Halifax harbour, tug.....	54·64	" sunk in collision.
Daisy.....	Sydney " water boat...	10·74	Water boat broken up.
Newfoundland.....	Coasting, freight.....	918·75	Freight boat, sold to foreigners.
Total .....	.....	1133·38	

J. P. ESDAILE,
Steamboat Inspector, Halifax, N.S.

NEW BRUNSWICK AND PRINCE EDWARD ISLAND DIVISION. -

David Weston ..	St. John river, passenger.....	735·15	Paddle, total loss by fire.
Elliott.....	Coasting and foreign.....	367·50	Screw, wrecked in Gulf of St. Lawrence.
Meta.....	St. John river, yacht.....	5·05	" yacht, broken up, machinery taken out.
Carrie Knight .	" " tug	5·88	Screw, tug, destroyed by fire.
Total.....	.....	1113·58	

C. E. DALTON,
Steamboat Inspector.

SESSIONAL PAPER No. 23

STATEMENT of Steam Vessels lost, broken up or laid up, &c.—*Concluded.*

BRITISH COLUMBIA DIVISION.

Name of Vessel.	Where and how last employed.	Gross Tonnage.	Class of Vessel and reason of Unfitness.
Mermaid.....	Vancouver and Jervis inlet.....	129	Screw, lost, sunk after stranding.
Haylis.....	Towing Kootenay lake.....	44	" burnt.
Illicillewaet.....	Frt., and pass., Columbia river.	98	Stern wheel, broken up.
Lytton.....	" " " "	452	" " "
Princess Louise.....	" " Victoria and New Westminster.	932	" laid up, boilers cond'nd.
Total .....	.....	1655	

J. A. THOMSON,

Steamboat Inspector.

BRITISH COLUMBIA AND YUKON DIVISION.

Dreadnought.....	B.C. waters, tug.....	33	Screw, condemned.
North Star.....	Fraser river, ".....	8	" sunk and lost.
Champion.....	B.C. waters, freight.....	100	" destroyed by fire.
Lois.....	" tug.....	25	" wrecked.
Sybil	Yukon river, frt., and pass.	654	Stern wheel, dismantled.
Total.....	.....	820	

F. M. RICHARDSON,

Steamboat Inspector, Vancouver, B.C.

KEEWATIN, MANITOBA AND NORTH-WEST TERRITORIES DIVISION.

Miles.....	Tug, Lake Winnipeg.....	60·04	Screw, hull condemned.
Sir W. C. Van Horne...	" " of the Woods.....	59·91	" "
James Mayhew.....	" " Superior.....	16·49	" "
Minota.....	Fish tug, Lake Superior.....	34·95	" "
Ida.....	" " ".....	19·37	" "
Almidia.....	" " ".....	7·60	" "
Forrester.....	Tug and frt., Thunder Bay....	5·23	" "
Inza.....	" " ".....	8·79	" "
Lilly	Tug, Lake of the Woods.....	1·62	" "
Grace B.....	Yacht, " ".....	21·18	" Burnt.
Keewatin.....	Tug, " ".....	41·25	" "
Gertie H.....	Pass., and frt., Red River.	90·95	Paddle "
Isabell.....	Tug, Lake Winnipegosis.....	53·92	Screw, hull condemned.
Total.....	.....	424·30	

GEO. P. PHILLIPS,

Steamboat Inspector.

4-5 EDWARD VII., A. 1905

LIST of Certificates of Competency and Temporary Certificates granted to Engineers of Steamboats during the year ended June 30, 1904.

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1903.					\$ cts.
3439	July 13..	John McGraw	Temporary....	Brockville, Ont.....	Brockville, O..	2 00
3440	" 13..	R. H. McCaw.....	"	North Bay, Ont.....	Montreal, Que	2 00
3441	" 13..	Jos. Petitchere.....	"	Wisawasa, Ont.....	Callandar, Ont	2 00
3442	" 13..	John E. Leduc.....	"	Ottawa, Ont.....	L'Orignal, Ont	2 00
3443	" 13..	Fred Windsor.....	"	Callandar, Ont.....	Callandar, Ont	2 00
3444	" 13..	Henry E. Hudson.....	"	Combermere, Ont.....	Combermere, O	2 00
3445	" 13..	Chas. C. Pilkey.....	"	Vancouver, B.C.....	Vancouver, BC	2 00
3446	" 13..	Martin Graber.	"	Pembroke, Ont.....	Pembroke, Ont	2 00
3447	" 13..	Fred. Huck.....	"	Rockport, Ont.....	Kingston, Ont.	2 00
3448	" 13..	E. C. Rutherford.....	"	Orillia, Ont.	Orillia, Ont...	2 00
3449	" 13..	M. J. Crosby.....	4th Class	St. Catharines, Ont.....	Toronto, Ont..	5 00
3450	" 13..	L. R. Unsworth.....	2nd "	Charlottetown, P.E.I....	Quebec, Que..	5 00
3451	" 15..	John A. McKian.....	3rd "	Midland, Ont.....	Midland, Ont.	5 00
3452	" 15..	John McCaw	Temporary ...	Dorset N.R., Ont.....	North Bay, O.	2 00
3453	" 15..	B. Moreau.....	"	Waubaushe, Ont.....	Midland, Ont.	2 00
3454	Aug. 4..	Wm. Buchanan.....	"	Lake Edward, Que.....	L'keEdward,Q	2 00
3455	" 4..	Adhemar Duguay.....	"	Roberval, Que.....	Roberval, Que.	2 00
3456	" 4..	Jos. Gagnon.....	"	Ste. Anne de Chicoutimi, Que.	Ste. Anne de Chicoutimi, Q	2 00
3457	" 4..	Oscar Seguin.....	"	Mont Oscar, Que.....	Montreal, Que	2 00
3458	" 4..	Wm. Morton.....	4th Class	Montreal Que	" ..	5 00
3459	" 4..	H. R. Stevens.....	Temporary ...	Huntsville, Ont.....	Huntsville, O.	2 00
3460	" 4..	John R. Brown.....	"	Penetanguishene, Ont...	Toronto, Ont..	2 00
3461	" 4..	Wm. Seney	"	Parry Sound, Ont.	Parry Sound, O	2 00
3462	" 4..	C. W. Bowerman.....	"	Port Perry, Ont.....	Lindsay, Ont.	2 00
3463	" 4..	Wm. Hungerford	"	Lindsay, Ont.	" ..	2 00
3464	" 4..	Geo. E. Hull	"	Clarina, Ont	Lakefield, Ont.	2 00
3465	" 11..	Geo. Woodward.....	"	Melbourne, Que.....	N'rthHatley,Q	2 00
3466	" 11..	Ed. Dawson	4th Class	Montreal, Que.....	Montreal, Que	5 00
3467	" 18..	Archibald McLeod.....	Temporary ...	Big Glace Bay, N.S....	N.Sydney, C.B	2 00
3468	" 18..	Pius Z. Boudreau	"	Tusket Wedge, N.S....	Yarmouth, NS	2 00
3469	" 27..	Edwin J. Riley	3rd Class.....	Owen Sound, Ont.....	Toronto, Ont..	5 00
3470	" 27..	Hugh McMillan.....	Temporary ...	Sault Ste. Marie, Ont. ..	S'ttSteMarie,O	2 00
3471	" 29..	Jean B. Houde.....	"	Sorel, Que	Montreal, Que	2 00
3472	Sept. 3..	Peter Brown.....	"	Lake Megantic, Que. ..	L. Megantic, Q	2 00
3473	Oct. 2..	H. N. Alexander.....	4th Class	Vancouver, B.C.....	Vancouver, BC	5 00
3474	" 2..	Ed. Stevenson.....	4th "	Dawson, Y.T.....	Dawson, Y.T.	5 00
3475	Nov. 12..	Theophile Côté.....	Temporary ...	Grandes Piles, Que.....	Quebec, Que..	2 00
3475	Oct. 7..	John Andrechek.....	"	Killaloo, Ont.....	NewLisk'rd,O.	2 00
3476	" 7..	Ed. Cloutier.....	"	Sorel, Que	Lachine, Que.	2 00
3477	" 7..	Chas. M. Black.....	4th Class	Victoria, B.C.....	Victoria, B.C.	5 00
3478	" 22..	Wm. Swayne	Temporary ...	Morrisburg, Ont	TemiscamingO	2 00
3479	Nov. 2..	Henry T. Flett.	2nd Class.....	Victoria, B.C.....	Victoria, B.C.	5 00
3480	" 2..	Mathias Roy.....	4th "	St. Valier, Que.....	Quebec, Que..	5 00
3481	" 2..	Louis Morton.....	Temporary ...	Rat Portage, Ont.	Rat Portage, O	2 00
3482	" 2..	Nap. Lazure.....	3rd Class.....	Ste. Cunegonde, Que....	Montreal, Que	5 00
3483	" 2..	Frank McConville.....	2nd " U.K.	New Zealand.....	Quebec, Que..	5 00
3484	" 12..	Norbert Gingras	3rd "	Champlain, Que.....	" ..	5 00
3485	" 12..	Geo. Stewart.....	3rd "	Victoria, B.C.....	Victoria, B.C.	5 00
3486	" 12..	John E. Watkins.	4th "	Vancouver, B.C.....	Vancouver, BC	5 00
3487	" 12..	Duncan Stewart.....	4th "	"	" ..	5 00
3488	" 12..	Wm. Cresswell.....	4th "	"	" ..	5 00
3489	" 12..	Reini Boucher.....	4th "	Bienville, Que.....	Quebec, Que..	5 00
3490	" 12..	Albert D. Hobson	4th "	Vancouver, B.C.....	Vancouver, BC	5 00
3491	" 16..	Alph. Derochers	2nd "	St. Agapit, Que.....	Sorel, Que....	5 00
3492	Dec. 11..	Thos. W. Whiteley.....	Temporary ...	Sombra, Ont.	Sombra, Ont..	2 00
3493	" 11..	Geo. Lee.	"	Point Edward, Ont.	Sarnia, Ont...	2 00
3494	" 11..	Louis Williams.....	4th Class	Warton, Ont	Toronto, Ont..	5 00
3495	" 11..	John O. Armstrong	3rd "	Sault Ste. Marie, Ont....	S'ttSteMarie,O	5 00
3496	" 11..	Thos. S. Moffat.....	1st " U.K.	Victoria, B.C.....	Victoria, B.C.	5 00
3497	" 11..	John L. Physick.....	4th "	Vancouver, B.C.....	Vancouver, BC	5 00
3498	" 29..	Alfred J. Erskine	3rd "	Victoria, B.C.....	Victoria, B.C.	5 00
3499	" 29..	Francis Rousseau.....	3rd "	Ste. Appollinaire, Que..	Quebec, Que..	5 00
3500	" 29..	Geo. Ed. Wilson.....	4th "	Waubaushe, Ont.....	Midland, Ont.	5 00
3501	" 31..	Geo. D. Ramsay.....	4th "	Victoria, B. C	Victoria, B.C..	5 00

SESSIONAL PAPER No. 23

LIST of Certificates of Competency granted to Engineers of Steamboats, &c.—Continued.

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was Passed.	Fee.
	1903.					\$ cts.
3502	Dec. 31..	Thos. G. Bishop.....	4th Class.....	Garden Island, Ont.....	Kingston, O..	5 00
3503	" 31..	Richard A. Sholes.....	4th ".....	Victoria, B. C.....	Victoria, B.C..	5 00
3504	" 31..	John Woodriff.....	4th ".....	".....	".....	5 00
3505	" 31..	Wm. J. Landrigan.....	4th ".....	Midland, Ont.....	Toronto, Ont.	5 00
3506	" 31..	Wm. Johnston.....	4th ".....	Toronto, Ont.....	".....	5 00
3507	" 31..	Albert Martin.....	4th ".....	Gravenhurst, Ont.....	".....	5 00
3508	" 31..	Geo. Rene de Cotret.....	2nd ".....	Montreal, Que.....	Montreal, Que	5 00
3509	" 31..	Albert Ed. Collins.....	3rd ".....	Collingwood, Ont.....	Toronto, Ont.	5 00
3510	" 31..	A. Bucknam.....	Temporary.....	Rat Portage, Ont.....	Rat Portage, O	2 00
3511	" 31..	Chas. H. Clay.....	".....	Vancouver, B. C.....	Vancouver, BC	2 00
	1904.					
3512	Jan. 15..	P. C. T. Bonham.....	3rd Class.....	Owen Sound, Ont.....	Toronto, Ont.	5 00
3513	" 15..	Geo. D. Adam.....	4th ".....	Hawkstone, Ont.....	".....	5 00
3514	" 15..	Julian P. Bourne.....	3rd ".....	Vancouver, B. C.....	Vancouver, BC	5 00
3515	" 15..	Chas. A. McWilliam.....	3rd ".....	Kingston, Ont.....	Kingston, Ont.	5 00
3516	" 15..	Chas. L. Goodwin.....	4th ".....	Springford, Ont.....	Toronto, Ont.	5 00
3517	" 15..	Chas. H. Waller.....	2nd " U.K.	Victoria, B.C.....	Victoria, B.C.	5 00
3518	" 15..	Thos. Raper.....	2nd " U.K.	Vancouver, B. C.....	Vancouver, BC	5 00
3519	" 15..	R. P. Urquhart.....	4th ".....	Owen Sound, Ont.....	Toronto, Ont.	5 00
3520	" 15..	Wm. F. Lenihan.....	4th ".....	Wauhaushene, Ont.....	".....	5 00
3521	" 15..	John Leonard.....	Temporary.....	Indiantown, N. B....	St. John, N. B	2 00
3522	" 19..	Rollie Mullin.....	4th Class.....	Garden Island, Ont....	Kingston, Ont	5 00
3523	" 20..	Wm. Pans.....	2nd ".....	Penetanguishene, Ont...	Toronto, Ont.	5 00
3524	" 20..	Alex. Wilson.....	2nd ".....	St. John, N. B.....	St. John, N. B	5 00
3525	" 20..	Thos. Timlin.....	3rd ".....	Morton, Ont.....	Kingston, Ont.	5 00
3526	" 20..	Dillwith Simmons.....	4th ".....	Garden Island, Ont.....	".....	5 00
3527	Feb. 24..	A. I. Ross.....	4th ".....	Dartmouth, N.S.....	Halifax, N.S..	5 00
3528	" 24..	Frank R. Butler.....	4th ".....	Halifax, N. S.....	".....	5 00
3529	" 24..	Henry R. Hustable.....	4th ".....	Dartmouth, N.S.....	".....	5 00
3530	" 24..	Chas. T. Moore.....	4th ".....	Vancouver, B. C.....	Vancouver, BC	5 00
3531	" 24..	W. E. H. Perrin.....	3rd ".....	McNab's Island, N. B....	Halifax, N.S..	5 00
3532	" 24..	Francis Belaire.....	3rd ".....	Sorel, Que.....	Sorel, Que....	5 00
3533	" 24..	Wm. A. Lebeau.....	3rd ".....	".....	".....	5 00
3534	" 24..	Narcisse Hamelin.....	3rd ".....	Three Rivers, Que.....	Quebec, Que..	5 00
3535	" 24..	Ira Ramson.....	3rd ".....	Vancouver, B. C.....	Vancouver, BC	5 00
3536	" 24..	Thos. B. Stewart.....	3rd ".....	".....	".....	5 00
3537	" 24..	Chas. H. Clay.....	3rd ".....	".....	".....	5 00
3538	" 24..	Louis Toupin.....	2nd ".....	Champlain, Que.....	Quebec, Que..	5 00
3539	" 24..	Octave Lahaye.....	2nd ".....	Village Bienville, Que...	".....	5 00
3540	" 27..	Sanford Ashie.....	4th ".....	Garden Island, Ont.....	Kingston, Ont	5 00
3541	" 27..	R. V. Langheed.....	4th ".....	Collingwood, Ont.....	Toronto, Ont..	5 00
3542	" 27..	Peter Paton.....	4th ".....	".....	".....	5 00
3543	" 27..	Alfred Shaw.....	4th ".....	Thessalon, Ont.....	Thessalon, Ont	5 00
3544	" 27..	David Leslie.....	2nd ".....	Kingston, Ont.....	Kingston, Ont.	5 00
3545	" 27..	Wm. W. Robertson.....	2nd ".....	Owen Sound, Ont.....	Toronto, Ont.	5 00
3546	" 27..	Frederick Lafave.....	3rd ".....	Kingston, Ont.....	Kingston, Ont	5 00
3547	" 27..	Luke Whalen.....	3rd ".....	".....	".....	5 00
3548	" 27..	T. Mongrain.....	4th ".....	Champlain, Que.....	Montreal, Que	5 00
3549	" 27..	A. Carpentier.....	3rd ".....	".....	".....	5 00
3550	" 29..	Thos. Ed. King.....	1st " U.K.	Sydney, N.S.W.....	Victoria, B. C.	5 00
3551	Mch. 4..	Roy Milligan.....	4th ".....	St. Catharines, Ont.....	Toronto, Ont..	5 00
3552	" 4..	Jos. R. Marshall.....	4th ".....	Toronto, Ont.....	".....	5 00
3553	" 4..	Jos. Kirk.....	4th ".....	Hamilton, Ont.....	".....	5 00
3554	" 4..	Jas. D. Small.....	4th ".....	".....	".....	5 00
3555	" 4..	Robt. Craigie.....	3rd ".....	Goderich, Ont.....	".....	5 00
3556	" 4..	Emerson Wright.....	2nd ".....	St. Catharines, Ont.....	".....	5 00
3557	" 7..	Russell R. Foote.....	4th ".....	Owen Sound, Ont.....	".....	5 00
3558	" 7..	Ed de Quincey Proctor...	4th ".....	Meaford, Ont.....	".....	5 00
3559	" 7..	John T. Myler.....	3rd ".....	Collingwood, Ont.....	".....	5 00
3560	" 17..	Jos. McLaughlin.....	3rd ".....	Toronto, Ont.....	".....	5 00
3561	" 17..	Camille Salvas.....	3rd ".....	St. Thomas de Pierrev.Q.	Montreal, Que.	5 00
3562	" 17..	Thos. Yielding.....	3rd ".....	Vancouver, B. C.....	Vancouver, BC	5 00
3563	" 17..	Delbert Becker.....	3rd ".....	".....	".....	5 00
3564	" 17..	Lawrence Black.....	3rd ".....	Brockville, Ont.....	Kingston, Ont	5 00
3565	" 17..	Wm. Burgoyne.....	Temporary.....	Fenelon Falls, Ont.....	".....	2 00
3566	" 17..	Geo. H. Martin.....	4th Class.....	Vancouver, B. C.....	Vancouver, BC	5 00

4-5 EDWARD VII., A. 1905

LIST of Certificates of Competency granted to Engineers of Steamboats, &c.—Continued.

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1904.					\$ cts.
3567	" 17..	John A. Murphy.....	4th Class	Midland, Ont.....	Toronto, Ont.	5 00
3568	" 17..	T. E. McEwen.....	4th "	Toronto, Ont.....	"	5 00
3569	" 17..	Jas. Robertson.....	4th "	Vancouver, B. C.	Vancouver, BC	5 00
3570	" 17..	John Hicks.....	4th "	Wild Oak, Man.....	Rat Portage, O	5 00
3571	Mar. 17..	Fred Frenzen.....	4th class	Vancouver, B.C.....	Vancouver ...	5 00
3572	" 17..	John L. Williams.....	4th "	Kingston, Ont.....	Kingston, Ont	5 00
3573	" 17..	Jos. G. Blanchet.....	4th "	Quebec, Que.....	Quebec, Que..	5 00
3574	" 17..	Alex. Wm. Dow.....	4th "	Victoria, B.C.....	Victoria, B.C.	5 00
3575	" 17..	Swan Peterson.....	4th "	Nelson, B.C.....	"	5 00
3576	" 21..	Wm. P. Collins	2nd " U.K..	Halifax, N.S.....	Halifax, N.S..	5 00
3577	" 21..	Chas. Campbell.....	4th "	Pictou, N.S.....	"	5 00
3578	" 21..	T. J. Spofforth.....	4th "	Halifax, N.S.....	"	5 00
3579	" 21..	Ed. Clark.....	4th "	Charlottetown, P.E.I..	"	5 00
3580	" 21..	Jas. Pushie.....	4th "	Glance Bay, C.B.....	"	5 00
3581	" 21..	Frank Krafve.....	Temporary..	Barrington, N.S.....	"	2 00
3582	" 21..	R. J. Riley.....	"	Annapolis Royal, N.S..	"	2 00
3583	" 24..	R. J. Wickins.....	"	Huntsville, Ont.....	Toronto, Ont.	2 00
3584	" 24..	Jas. Leonard.....	3rd Class..	Goderich, Ont.....	"	5 00
3585	" 24..	John E. Bell.....	3rd "	Port Dalhousie, Ont..	"	5 00
3586	" 24..	Omer Croteau	3rd "	Ste. Appollinaire, Que.	Quebec, Que..	5 00
3587	" 24..	Phillippe Blette	3rd "	Sorel, Que.....	Sorel, Que ..	5 00
3588	" 24..	Albert L. Carr.....	4th "	Port Dalhousie, Ont ..	Toronto, Ont.	5 00
3599	" 24..	Robt. H. Isbester	4th "	Goderich, Ont.....	"	5 00
3590	" 24..	Edward Spencer.....	4th "	Kingston, Ont.....	Kingston, Ont	5 00
3591	" 24..	Geo. Tuttle.....	4th "	"	"	5 00
3592	" 24..	Saml. Brault.....	4th "	Sorel, Que.....	Sorel, Que....	5 00
3593	" 24..	Xavier Begin.....	4th "	Village Lauzon, Que...	Quebec, Que..	5 00
3594	" 24..	Jos. Labreque.....	4th "	"	"	5 00
3595	" 24..	Alcide Langlois.....	4th "	Sorel, Que.....	Sorel, Que....	5 00
3596	" 24..	Arthur Hamelin.....	4th "	St. Joseph, Que.....	"	5 00
3597	" 24..	Isaac J. Boynton.....	Temporary..	Bobcaygeon, Ont.....	Belleville, Ont	2 00
3598	" 24..	Alex. G. Cameron.....	3rd Class.....	Chatham, N.B.....	St. John, N.B.	5 00
3609	" 24..	E. J. McBeth.....	3rd "	St. John, N.B.....	"	5 00
3600	" 24..	D. J. Gallagher.....	2nd "	"	"	5 00
3601	" 28..	T. A. Rothwell.....	Temporary..	Edmonton, N.W.T.....	Ft. Resolution	2 00
3602	" 28..	John Kelsoe.....	"	Huntsville, Ont.....	Toronto, Ont.	2 00
3603	" 28..	Sydney T. Hubbard.....	"	Edmonton, N.W.T.....	Edmonton...	2 00
3604	" 28..	Robt. Downie	2nd Class U.K.	Halifax, N.S.....	Halifax, N.S..	2 00
3605	" 28..	Geo. T. Bates.....	3rd "	"	"	+ 00
3606	" 28..	Saml. Wm. Nokes.....	3rd "	Thessalon, Ont.....	Thessalon, Ont	5 00
3607	" 28..	Jos. Caron.....	4th "	St. Roch, Quebec.....	Quebec, Que..	5 00
3608	" 28..	Alex. Fowler.....	4th "	Montreal, Que.....	Montreal, Que	5 00
3609	" 28..	Noe Rousseau.....	3rd "	St. Appollinaire, Que ..	Quebec, Que..	5 00
3610	" 30..	Allan McD. Kennedy.....	4th "	Halifax, N.S.....	Halifax, N.S.	5 00
3611	" 30..	Arthur Davies.....	4th "	Poole's Resort, Ont.....	Kingston, Ont	5 00
3612	" 30..	J. S. McLennan.....	4th "	Glance Bay, N.S.....	Halifax, N.S.	5 00
3613	" 30..	D. M. Eisnor.....	4th "	Blockhouse, N.S.....	"	5 00
3614	April 2..	John Youngston.....	3rd "	Toronto, Ont.....	Toronto, Ont.	5 00
3615	" 2..	Jas. Currie.....	3rd "	"	"	5 00
3616	" 11..	Arthur Seguin.....	Temporary....	Hudson, Que.....	Montreal, Que	2 00
3617	" 11..	W. R. Rogers.....	"	Espanola, Que.....	S'ttSteMarie O	2 00
3618	" 11..	Walter Langille	"	Pictou, N.S.....	Halifax, N.S..	2 00
3619	" 11..	Arthur McCann.....	"	Wallace, N.S.....	"	2 00
3620	" 11..	Adélard Gagnon	"	Rat Portage; Ont.....	Rat Portage, O	2 00
3621	" 11..	Jas. E. Lunan.....	2nd Class.....	Montreal, Que	Montreal, Que	5 00
3622	" 11..	Arthur Begin.....	3rd "	Village Lauzon, Que ..	Quebec, Que..	5 00
3623	" 11..	Hugh Myler.....	2nd "	Collingwood, Ont.....	Toronto, Ont.	5 00
3624	" 11..	Geo. F. Wheeler.....	4th "	Toronto, Ont.....	"	5 00
3625	" 11..	R. S. Debernardi.....	4th "	Port Arthur, Ont.....	Port Arthur, O	5 00
3626	" 11..	W. J. Alexander.....	4th "	Moore Post Office, Ont..	Toronto, Ont.	5 00
3627	" 11..	John E. Phelan	4th "	Collingwood, Ont.....	"	5 00
3628	" 11..	W. S. Archibald.....	4th "	Hamilton, Ont.....	"	5 00
3629	" 11..	F. G. Gowland.....	4th "	Collingwood, Ont.....	"	5 00
3630	" 11..	David A. Good.....	4th "	Victoria, B.C.....	Victoria, B.C.	5 00
3631	" 27..	Harry A. Brown.....	4th "	Village Lauzon, Que...	Quebec, Que..	5 00
3632	" 27..	Henry H. Moore.....	4th "	Toronto, Ont.....	Toronto, Ont.	5 00
3633	" 27..	Abraham Routly.....	4th "	Windsor, Ont.....	Windsor, Ont.	5 00
3634	" 27..	W. J. C. Marron.....	4th "	Collingwood, Ont.....	Toronto, Ont.	5 00

SESSIONAL PAPER No. 23

LIST of Certificates of Competency granted to Engineers of Steamboats, &c.—*Concluded.*

Number of Certificate.	Date of Certificate.	Name.	Grade.	Address.	Where Examination was passed.	Fee.
	1904.					\$ cts.
3635	" 27..	Allan Gibson.....	4th "	West Toronto.	" ..	5 00
3636	" 27..	Romeo Daigle	4th "	Leclercville, Que.....	Quebec, Que..	5 00
3637	" 27..	Alfred T. McCall.....	4th "	Rat Portage, Ont.....	Rat Portage..	5 00
3638	" 27..	Angus McRae.....	4th "	Selkirk, Man.....	Selkirk, Man.	5 00
3639	" 27..	Walter Heay.....	4th "	Vancouver, B.C.	Vancouver. .	5 00
3640	" 27..	Wm. M. Cameron	4th "	Victoria, B.C.....	" ..	5 00
3641	" 27..	Roland F. Link.....	Temporary	Gravenhurst, Ont.....	Toronto, Ont.	2 00
3642	April 27..	Albert Wright.....	Temporary	Rat Portage, Ont.....	Rat Portage, O	2 00
3643	" 27..	F. J. Shapcott.....	"	Lady Bank P.O., Ont...	Killarney, Ont	2 00
3644	" 27..	Irenée Rivard	"	Grandes Piles, Que.....	Gr'ndes Piles Q	2 00
3645	" 27..	Jas. W. Brown. .	"	Wabigoon, Ont.....	Rat Portage, O	2 00
3646	" 27..	Edouard Rivard ..	"	Grandes Piles, Que.....	Gr'ndes Piles Q	2 00
3647	" 27..	Frank X. Blake	3rd Class	Fort Erie, Ont.....	Toronto, Ont.	5 00
3648	" 27..	D. A. Morrison.....	3rd "	Point Tupper, N.S. .	Halifax, N.S..	5 00
3649	" 27..	Alex. Brown.....	3rd "	Vancouver, B.C.....	Vancouver, BC	5 00
3650	" 27..	Adolphe Rousseau.....	3rd "	Ste. Apollinaire, Que.....	Quebec, Que..	5 00
3651	" 27..	Adelard Lapointe.....	2nd "	Village Lauzon, Que.....	" ..	5 00
3652	" 27..	John G. Clark.	1st " U.K.	Charlottetown, P.E.I....	Halifax, N.S..	5 00
3653	May 3..	Saml. T. Grose.....	3rd "	Winnipeg, Man.....	Rat Portage, O	5 00
3654	" 10..	Jas. Ausman.....	Temporary	Comapliß, B.C.....	Victoria, B.C.	2 00
3655	" 10..	Wm. Spicer	"	Newboro, Ont.....	Kingston, Ont.	2 00
3656	" 10..	Arthur Davis	"	Pooles Resort, Ont.....	" ..	2 00
3657	" 10..	T. Whitred	"	Hastings, Ont.....	Hastings, Ont.	2 00
3658	" 14..	L. J. McDonald	"	Pictou, N.S.	Pictou, N.S...	2 00
3659	" 14..	G. E. Scott	"	Guysboro, N.S.....	Halifax, N.S..	2 00
3660	" 14..	Albert Martin	"	Gravenhurst, Ont.	Gravenhurst, O	2 00
3661	" 14..	G. Bellefeuille.....	"	Winnipeg, Man.....	Rat Portage, O	2 00
3662	" 19..	A. S. Vigars.....	3rd Class.....	Port Arthur, Ont..	Port Arthur, O	5 00
3663	" 19..	Geo. A. Russell.....	4th "	"	" ..	5 00
3664	" 19..	Allan J. Ross	4th "	Owen Sound, Ont.	Owen Sound, O	5 00
3665	" 19..	A. E. Stephenson.....	Temporary	Penetanguishene, Ont...	Parry Sound, O	2 00
3666	" 25..	T. Beaudette.....	"	Buckingham, Que. .	Buckingham Q	2 00
3667	" 25..	A. Lajeunesse	"	Peterboro, Ont.....	Peterboro, Ont	2 00
3668	" 25..	Geo. H. Whitney.....	"	Rockport, Ont	Kingston, Ont.	2 00
3669	" 27..	Wm. Drury.....	"	Chute a Blondeau, Ont..	L'Orignal, Ont	2 00
3670	June 2..	D. C. W. Reid.....	"	Selkirk, Man.....	Selkirk, Man.	2 00
3671	" 2..	W. J. McIntyre.....	"	Port Sydney, Ont.....	Toronto, Ont..	2 00
3672	" 2..	Harley S. Watkins.....	4th Class	Vancouver, B.C.....	Vancouver, BC	5 00
3673	" 2..	John Whittendale.....	4th "	Sapperton, B.C.....	" ..	5 00
3674	" 2..	J. C. Curtz.....	3rd "	Vancouver, B.C.....	" ..	5 00
3675	" 2..	Wm. Simmons.....	Temporary	"	" ..	2 00
3676	" 2..	F. W. Calbick.....	"	"	" ..	2 00
3677	" 20..	F. M. Young	"	Young's Pt., Ont..	Kingston, Ont.	2 00
3678	" 20..	Geo. M. Boucher.....	"	Brockville, Ont.....	Brockville, Ont	2 00
3679	" 20..	J. Harrison.....	"	Chilliwack, Ont.....	Vancouver, BC	2 00
3680	" 20..	Jas. V. Morris.....	"	Kingston, Ont.....	Kingston, Ont.	2 00
3681	" 20..	Robt. Watson.....	"	St. Roch, Que	Quebec, Que .	2 00
3682	" 20..	Geo. Hill.....	"	Keewatin, Ont.....	Rat Portage, O	2 00
3683	" 20..	Henry A. Leslie.....	"	Kingston, Ont.....	Kingston, Ont.	2 00
3684	" 20..	John J. Coones.....	"	Bridgenorth, Ont.....	" ..	2 00
3685	" 20..	Jas. Logan.....	"	Peterboro, Ont.....	" ..	2 00
3686	" 20..	John Gauyea.....	"	Smith's Falls, Ont	" ..	2 00
3687	" 20..	Pius Z. Boudreau	"	Tusket Wedge, N.S....	Tusket Wge NS	2 00
3688	" 20..	B. McGuire.....	"	Pictou, N.S.....	Pictou, N.S...	2 00
3689	" 20..	Alfred Poirier.....	"	Rat Portage, Ont.....	Rat Portage, O	2 00
3690	" 20..	M. Hicklenton.....	"	Vancouver, B.C.....	Vancouver, BC	2 00
3691	" 20..	Jas. E. Mattinson	"	Hows Sound, B.C.....	" ..	2 00
3692	" 20..	Joshua Smith.....	4th Class	Esquimalt, B.C.....	Victoria, B.C.	5 00
3693	" 20..	David Leitch.....	4th "	Halifax, N.S.....	Halifax, N.S..	5 00
3694	" 20..	Arthur Wylie.....	4th "	Village Lauzon, Que.....	Quebec, Que..	5 00
3695	" 20..	Eugene Hamelin.....	2nd "	Ste. Cunegonde, Que.....	Montreal, Que.	5 00
3696	" 20..	H. Desjardin.....	3rd "	St. Henri, Que.....	" ..	5 00
3697	" 27..	E. C. Rutherford.....	Temporary	Orillia, Ont.....	Orillia, Ont...	2 00
3698	" 27..	Fred Keeling	"	Vancouver, B.C.....	Vancouver, BC	2 00
3699	" 27..	Alfred Crowe	"	Fort Francis, Ont.	Fort Francis, O	2 00
3700	" 27..	Jas. C. Barry.....	"	Lefroy P.O., Ont.....	Toronto, Ont..	2 00
3701	" 27..	Jules Lecours.....	4th Class.....	Bienville Levis, Que.....	Quebec, Que..	5 00
3702	" 27..	John T. Murphy.....	3rd "	St. Joseph de Levis, Que.	" ..	5 00

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NOVA SCOTIA.

[illegible]

Ritcey's Cove	Lunenburg	Collector of Customs
River Hébert	Cumberland	" "
St. Ann's	Victoria	" "
St. Peter's	Richmond	" "
Salmon River	Digby	" "
Sheet Harbour	Halifax	" "
Shelburne	Shelburne	" "
Sydney	Cape Breton	<i>James Rudderham.</i>
Sydney, Int. Pier	"	<i>Vincent Mullens.</i>
Thorne's Cove	Annapolis	Collector of Customs
Truro	Colchester	" "
Tatanagouche	"	" "
Wallace	Cumberland	" "
Walton	Hants	" "
West Arichat	Richmond	<i>B. Poirier.</i>
Weymouth	Digby	Collector of Customs
Windsor	Hants	" "
Wolfville	King's	" "
Yarmouth	Yarmouth	<i>L. N. Trefry.</i>

PRINCE EDWARD ISLAND.

[illegible]

BRITISH COLUMBIA.

Abouset	Clayoquot	<i>G. R. McDougall</i> .....	.....	.....	.....	.....	.....
Clayoquot	"	<i>John Grice</i> .....	.....	.....	.....	.....	.....
Hesquait	Vancouver	<i>A. J. Brabant</i> .....	.....	.....	.....	.....	.....
Kynquot	Nanaimo	<i>W. J. Ficker</i> .....	.....	.....	.....	.....	.....
Masset Inlet	Queen Charl'te I'd.	<i>Charles Harrison</i> .....	.....	.....	.....	.....	.....
New Westminster	New Westminster	Collector of Customs .....	.....	.....	.....	.....	.....
Ucluclet	Barclay Sound	<i>Geo. Fraser</i> .....	.....	.....	.....	.....	.....
Vancouver	New Westminster	<i>G. McPhaiden</i> .....	.....	.....	.....	.....	.....
Victoria	Victoria	<i>H. G. Lewis</i> .....	.....	.....	.....	.....	.....

